

COVID-19 PANDEMIC: IMPACT AND STRATEGIES FOR EDUCATION SECTOR

Mukesh Kumar Menaria *

*** Assistant Professor**

Government Girls College,
Higher Education
Department, Govt. of
Rajasthan,
Rajsamand, Rajasthan,
India

QR Code



Abstract: - *The outburst of corona virus disease (COVID-19) has been impacting millions of people and intimidation their life across the world. Government of India and others are taking all necessary steps to insure that we are prepared well to face the challenge and threat of COVID-19. One of these necessary steps is the lockdown due to the speed spread of this virus. The aim of the present study is to show the significance role of reading and e-learning in COVID -19 crisis. The information technology and digital content have been playing a great role during the present crisis. Digital content and e-learning tools has been helping the learning to study at home. This study has reviewed the concept of e-learning, features of e-learning and the role of teaching and learning. Finally the searcher has shown the role of e-learning in COVID-19 crises.*

Keywords: E-learning, COVID19, Digital library, Digital content, Learning, Teaching, Information Technology.

Introduction

There are important factors in order to build good nation and one of these factors is education. Education can be considers as a backbone of any country in the world. Usually in disaster time the governments are used to suspend the schools, universities and other governmental institutions for sometimes . Whole the world are fighting the unique and dangerous virus called COVID -19. It has been spreading in most of countries such as USA, brazil, india, china, Italy, Spain, Iran and other countries.

The governments of most countries have ordered to lockdown and asked the people to stay at their homes due to the danger of this virus on human life .The teachers in different countries have started using e-learning in teaching the students in this period. Technology has been advancing and can say that we are living in technological revolution. The technology has a vital role in different filed such as business , medicine , and education ..etc.

E-learning being in the presence when firstly used the word at computer based training system in

1999. Other words have begun also to spring up in search of an accurate description as virtual learning and online learning. Nevertheless, the ideologies and values behind e-learning have recognized through the history. There is indication which proposes that early forms of e-learning existed as far back as the 19th century .

E-learning is considered as new method of teaching rather than face to face teaching. E-learning has the ability to offer and share materials in all kinds of formats as e-mails, slideshows, videos, PDFs, and word documents. It is also conducting webinars(live online class), communication with teachers via message and chat forum is also an option available to user . Using e-learning can be considered as bridged which make you feel as if you inside the classroom.

This study has discussed the concepts of open and distance learning and play important role through digital library in teaching, reading and learning . It also has examined the effect of internet on the teachers role .The searcher has also explored the types of skills and strategies that teacher to be effective in online learning. This paper has provided a vision into innovative multi-channel delivery modes adopted by the different universities.

Mohammadi, N.,et al(2011).This study has showed the role of e-learning and its application in language learning process and compared it with traditional form of language learning. It also has

provided advantages and disadvantages of e-learning in language learning. The researcher when referred to the above related studies was able to bring out this maiden thought into his research done on the role of e-learning in COVID19 crisis and to show the important of it in different fields. The present paper is going to show the role of e- learning in COVID -19 crisis.

E-learning

E-learning is a technological tool has been used for teaching and learning. Basically, computer and internet are essential to enable transferring of knowledge and skills. The applications of e-learning include, computer based learning, web-based learning, virtual education opportunities and digital collaboration. Content is provided via internet, audio or video tape, CDROM, and satellite TV. E-Learning can be self-paced or instructor-led that include image, media in the form of text, animation, and streaming video and audio. Different abbreviations have been used as synonyms to e-learning like CBT (Computer-Based Training), WBT (Web-Based Training) and IBT (Internet-Based Training). E-learning has a different features such as it is simply web-based training, which means You don't need to install software or CDs on your computer. Internet connection and a web browser are all you need . watch, listen and learn as training professionals demonstrate each lesson right on your computer screen. Always available, means all of the courses are available 24 hours a day, 7 days a week.

Purchase your subscription once, easily login for direct access to your courses. Courses are designed by software training professionals with years of classroom training experience. Anyone is able to learn from his/ her home and office. Free access to E-manuals , which means the subscription contains access to classroom e-manuals (PDF), along with practice exercises and keyboard shortcuts. Modify your training with easy to use menu. Clear, easy to follow , step by step instruction that means Anyone can watches the training sessions many times he/she wants to, while practicing in software, make it the most representative practice available. E-learning can be described as the best and most convenient way to learn on your own . Comprehensive, means that all of the topics is covered and included in classroom trainings.

Role of Digital Libraries in COVID- 19 crisis

Digital libraries and publishers have risen to the occasion, offering more and more free content and curating personalized collections so that people can continue to read and learn without disruption. Indeed, as the demand for credible e-resources surges, digital libraries have emerged as vital pathways to high-quality e-books, journals and educational content.

This year, as we observe World Book and Copyright Day under these extraordinary circumstances, let us celebrate the primacy of digital libraries as knowledge portals and their contribution to sustainable development.

In their ‘Manifesto for Digital Libraries’, UNESCO and the International Federation of Library Associations and Institutions (IFLA) point out that ‘The mission of the digital library is to give direct access to information resources [...] in a structured and authoritative manner and thus to link information technology, education and culture in contemporary library service.’

In the Indian context, the relatively young National Digital Library of India (NDLI) – headquartered at IIT Kharagpur – has established itself the as country’s largest online learning platform. A premier gateway to over 48 million e-books and knowledge products across disciplines, it has nearly 3 million regular users today

We believe though that the role of e-libraries extends beyond providing access to content. As the UNESCO–IFLA Manifesto recommends, they should also raise awareness about intellectual property rights, support the preservation of cultural heritage, and ensure that disadvantaged groups enjoy equity of access.

In 2005, UNESCO set up an online ‘anti-piracy observatory’ to share best practices related to copyright protection and anti-piracy legislation. Moreover, it has released multiple toolkits to sensitize stakeholders about copyright issues. Inspired by these initiatives, the NDLI has launched a national movement to educate information professionals about the Indian Copyright Act and its implications for libraries. This will culminate in the publication in 2020 of a

comprehensive librarians' manual on applications of Indian copyright law.

Globally, virtual libraries are at the frontline of efforts to preserve documentary heritage. They are uniquely placed to advocate for and directly undertake digital conservation.

The World Digital Library, developed by UNESCO and the Library of Congress, is a pioneering attempt to foster intercultural understanding by offering access to digital heritage from 200 countries. In India, the NDLI has begun an ambitious digitization programme in collaboration with leading heritage archives, besides making available cultural texts that already exist in electronic form. It is also training archivists across the country to apply standardized 'rights statements' to digitized cultural objects, in order to communicate their copyright and re-use status to users.

We are convinced that access to knowledge cannot by itself act as a leveller. Inclusive knowledge societies are built only when equal access is enjoyed by all.

The needs of disadvantaged groups such as persons with disabilities must be integrated into the very design of digital libraries. India's Sugamaya Pustakalaya, for example, is a remarkable online library that allows the visually impaired to access e-books. It is heartening that some of India's larger e-libraries including the NDLI are undertaking to develop disability-friendly technologies. Collectively, however, we

need to do much more to make access for persons with disabilities a reality.

Role of E-Learning In COVID-19 Crisis

While the whole world is fighting the invisible enemy (COVID-19) which has been killing thousands of people around the globe but the teaching and learning process are still carry on by using e-learning and its tools.

In India ,the government went for lockdown all the cities to reduce the spread of COVID-19. Due to ongoing of COVID-19 a noticed significant has seen in increasing of the number of students who are using the platform and apps of ED-TECH and online companies.

Different companies such as Vedantu, Unacademy and Byju's have offered free access to live classes to the students in order to continue their learning from home. Byju's co-founder and Director, Divya Gokulnath, said, in a statement, "Since our announcement last week, we have witnessed a 60% increase in the number of new students using the app to learn from home daily." This statement refers to the big role which E-learning is playing nowadays specifically in COVID-19 crises.

Nowadays, students are accessing the lessons increasingly on different apps and that will help the students specially who are in higher grades be ready for the coming year.

Moreover, Gaurav Munjal, co-founder and CEO at Unacademy declared that " in the last three weeks, learner who are watching free classes have

increased by 3x. We are clocking 30 million minutes of watch time on Unacademy every single days. Our educators started taking more live classes".

Furthermore, Vedantu has been offering free access to live classes to students and schools in different states in India such as new Delhi, Bengaluru, Hyderabad and Kerala.

Course can be considered as one of the e-learning platforms in the world, recently has declared that it will provide every impacted university around the world, including India, free access to their catalogue through Coursera for campus till July 31.2020.

Generally, most of universities after the lockdown in India requested the faculty members and the students to use e-learning applications for the academic purposes and one of these universities is Aligarh Muslim University. The vice chancellor has requested the faculty members to upload the PPT of lectures and study material in PDF form on their webpage of the university website or on another electronic modes such as whatsapp and/or email to let the students come across them during the lockdown.

The searcher has contacting with students who are studying in other countries to inquire about e-learning status in their countries during COVID-19 crises. In china, After spreading virus specifically in Wuhan city, the government has ordered to shut all institutions such as schools, universities, markets ..etc. The teachers have

started teaching their students via e-learning applications through uploading PDF, online class and ask the students to do their assignments and send them by We Chat app and /or email. The teachers are using different apps in online teaching such as Voov, Superstar, ZOOM cloud meetings, Google meet, RAJConect, Microsoft teams etc..

In Iraq, 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. In turkey, applications such as MS Teams and Zoom have been used widely. On other hand, most of Universities have been uploading study material on the webpage of the university.

The discussion above has shown the great value of e-learning in teaching and learning. E-learning has assisted both students and teachers in COVID-19 crisis.

Conclusion / Suggestions

Staying at home is one of the steps to slow the spread of COVID-19. Thus the all Educational institute have been closed in India and other countries. Technology becomes an essential parts of our daily life. E-learning, reading, internet and computers have been used vitally in teaching learning and self study process. This study has proved and shown how E-learning by using digital content such as Digital Library, and using applications like Zoom, Teams, Veev, Google classroom and many others have been helping the students to study at homes in COVID-19 crisis.

Suggestions

Using e-learning and Digital libraries are all about learning and taking a step that helps in moving toward higher education level. We need to be familiar with technology devices and use them to enhance of education and knowledge. The teachers and students should use e-learning tools and free digital content in the digital library or classroom and encouraging students in downloading number of digital content and educational apps to make the journey towards learning pleasing ,reading and interesting.

References

- [1] Neeraj kumar singh & P S Kawatra. E learning in LIS education in India. Asia-Pacific Conference on Library & Information Education & Practice, 2006
- [2] <https://en.unesco.org/news/digital-libraries-can-ensure-continuity-covid-19-puts-brake-academic-activity>
- [3]<https://www.livemint.com/companies/news/covid-19-impact-online-learning-companies-see-spike-in-number-of-students-11584724448197.html>
- [5] Kawatra, P. S., & Singh, N. K. (2006). E-learning in LIS education in India.
- [6] Mohammadi, N., Ghorbani, V., & Hamidi, F. (2011). Effects of e-learning on language learning. *Procedia Computer Science*, 3, 464-468.
- [7]International Federation of Library Associations and Institutions.

[8] Bareq reed raheem & amirullah khan. The role of E-Learning in covid -19. *International Journal of Creative Research Thoughts*,2020.

[9] V-L THE ROLE OF E-LEARNING IN COVID-19 CRISIS 1Bareq Raad Raheem, 2M.Amirullah Khan 1Ph.D student , 2 Professor 1 , 2 Department of English 1, 2 Aligarh Muslim University , Aligarh, India LEARNING IN LIS EDUCATION IN-LEARNING IN LIS EDUCATION IN INDIA