Importance of E-library During Post Covid-19 Era

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Abstract

Library is the most important part of life. One can know about it only from those who have not received library due to any reason or have been deprived of getting library. But in today's modern era, library has acquired a new dimension. Today, there are lots of challenges to readers to make availability of books, journals, newspapers physically, due to covid19, lockdown and isolation. E-library is such an easy way to get library that individual does not need to go anywhere and to get library. To take library, individual can take library from the teacher just sitting at home. And the name of this library is online library. In today's time, facilities like internet are available in all the homes. Online library service is proving to be very effective during the time of Corona. Now-a-days, online reading material is becoming a very prevalent everywhere whether it is village or city. One can join online library anywhere in the country or abroad. Today online library is proving to be very beneficial for the students. E-library is one of the important service providers which help students and readers to get books, journals and data in a very easy way.

Keywords: e-library, e-books, library, covid-19, post covid-19, ICT, etc.

Introduction:

There are many challenges in front of online education in India. It is also important to establish a quality mechanism and quality benchmarks for online education. Many e-learning platforms offer multiple courses on the same topic. Hence, the quality of courses may differ in different e-learning platforms. Untimely failure of technology such as internet speed, connectivity problem, compulsion to learn with the help of online tutorials, even with the help of online tutorials due to no one being present during the time of lock down, preparing lectures, recording them, making notes, preparing digital copies of them, finding study materials and uploading them on the university website according to the syllabus, interacting with students, etc. become regular part of post covid-19 era. There are many new challenges before the education community. In the e-learning system, 'at the same time' i.e. students and teachers can interact with each other from different places. By learning a subject in this way, students are able to know the immediate answer to their questions, which also removes their doubts related to that subject. For this reason it is also called real time learning. In this type of e-learning system, study material is made available to the students with the help of many online tools. Some examples of e-education systems include audio and video conferencing, live chat and virtual classrooms. These methods have become more popular over the period of corona.

Democratization of technology Now there is an important issue, which includes internet connectivity, telecom infrastructure, capability of online systems, availability of laptops/desktops, software, educational tools, online assessment tools etc. The syllabus of every educational board, college, university in the country is different which has its own economics. But now-a-days, the solution for all availability is internet.

Many people do not even know what is called as online library or e-library. Because he is not related to all these things, he remains ignorant of all these things. The meaning of online library is in contrast to the regular library which is taken by going to school, school or college. It is also known as digital library. Technologies like internet, Soft-wares are used in online library. Internet facility is important in online library, because without it online library cannot be assessable.

Online library is called teaching your own course material at home through mobile, laptop, computer etc. In this, it is explained or lectured by the teacher using books, notes etc. online.

Online Library/ Digital:

The pandemic has affected the library service and librarian systems across the world. Libraries around the world were temporarily closed in an attempt to reduce the impact of Corona.

1.077 billion Learners have been affected due to school closures. Now, the biggest question arises that how students should get education, books and facilities of the library. For this, many big organizations have come up with only one solution, i.e. e- library or digital library.

The current era of teaching-learning is becoming more technical and it is digital based. Along with this, the trend of e-library is spreading very fast in the country. This digital library is also in line with the objectives of the new library policy of the country. Digital Library aims to provide a comprehensive digital learning solution to various librarian institutions, educational institutions for teachers and learners in the country. The library will offer e-book collections with a wide range of digital content across a range of all disciplines. This will help in meeting the growing demand for quality resources and make India a global study destination. Digital Library aims to offer accurate quality content using built-in analytics. The Learning Management System (LMS) integration for librarian institutions will leverage single-sign-on access for students and teachers, meaning they can access products with a single credential in the college system, instead of requiring a separate login can be based on the cloud and over IP subscription model. It will help institutions move to digital and increase cost efficiency by making significant savings on physical infrastructure. Designed with the new library policy in mind, this digital library will also act as a one-stop, digital handy repository for students, giving them the freedom to learn on the go with hassle-free study material anytime, anywhere during the Corona epidemic.

E-education is one of the key areas identified by the Ministry of Electronics and Information Technology for imparting education using educational tools and media. In fact, is e-education in India in its infancy right now or what are the challenges that affect both teachers and students? Are about 25 crore students associated with school education and about eight crore students associated with higher education able to join online education. Although the education world of the country has made every effort to convert the problem into an opportunity, they seem to be insufficient. Online solution for everything in teaching-learning plays a vital role in the current scenario of pandemic covid-19.

Online library is being achieved a way with the convenience of internet through computer. Computers and many types of gadgets are used for online library but for this, the quality of internet should be good good, to pay attention towards it s required.

The benefit of the app or software depends on the speed of data. That's why internet facility is very important. But when there was a situation like lockdown, then there was a lot of confusion in the facility like internet and due to this the net was running very slow. So, it is obvious that due to this reason, the connectivity will also be slow and library will be affected.

There is no such situation like Lock down, but a deadly disease like corona still it hasn't given up. For this reason, schools, schools and colleges have still made online library as their best support due to the situation being not normal. Which is right or not, it depends on the effect of the situation in each way.

Benefits of Online Library: E-learning is a form of distance learning where the readers sits far away, whether that place is in the house or outside the house, he/she can provide reading material to readers anywhere. Through this, teachers and students are exchanging their ideas, which is a good way to understand library. Online library also has many benefits, which are as follows.

Technology Changes Library: In the changing environment, there have been many changes in technology and its use is also big. Many changes have also been seen in the method of taking library due to technology. The physical library is upgraded with digital library. Following image 1.1 is the image of digital library:

Image 1.1 Physical Library (Source Internet)

Today, this physical library is upgraded into digital library. The teaching related material used in online library can be sent from one place to another through technology online. No matter where you are in the world, one can get learning materials delivered to another location in no time. Like any link, any video related to library, any file. All these types make online library even more creative.

Save Both Time and Money with Online Library: At present, many librarian institutes have adopted the option of online learning so as not to harm the students' time and health both. The sudden change left

parents and children confused. However, the students gradually adopted this medium by practicing.

The thought of John Dewey, a great educator, is very opt about digital library where he stated as, "if we continue to teach yesterday and continue to teach today, we will deprive our children of their future" seems appropriate even in today's crisis in Corona. Today, e-learning, online library is rampant in the field of library and it is a reality of the times.

E-learning is an electronic librarian method used in classroom teaching using information technology. It is a pleasurable learning method that improves the quality of library and gives students new information beyond book knowledge. E-learning tools include computers, projectors, mobiles, radios, televisions, DVDs, LCD monitors. E-learning materials include audio and video clips, animated clips, librarian software, 3D models, PPT slides, materials on the Internet (especially YouTube, Google Play Store), websites, and blogs. Following iimage 1.2 is the image of digital library:

Image 1.2, Digital library on the screen of Laptop (Source Internet)

As shown in the image 1.2, in e-learning, teaching can be done on projector screen using interactive multimedia video lessons and touch screen pen. Teachers can teach by creating lesson presentations themselves. E-learning technology is easy for teachers and students to deal with reading material. Now-a-days the use of computers is becoming mandatory in all fields. Library is no exception. As children begin to use computers, efforts are being made to teach them different things through the same medium. This is called e-learning.

Online library is being achieved in a way with the convenience of internet through computer. Computers and many types of gadgets are used for online library as laptop, LCD-projectors etc. But for this the quality of internet should be good, one need to have an attention towards internet and its speed.

The benefit of the app or software depends on the speed of the data. That's why internet facility is very important. But when there was a situation like lockdown, then there was a lot of confusion in the facility like internet and due to this the net was running very slow. So it is obvious that due to this reason connectivity will also be slow and library will be affected.

There is no such situation, due to lockdown but a deadly disease like corona still hasn't given up. For this reason, schools, schools and colleges have still made online library as their best support due to the situation being not normal. Which is right or not, it depends on the effect of the situation in each way.

- It is important to choose the medium of e-learning. Which medium and tools, its limitations, availability has to be considered. Following are some tools of using digital library

a. Classroom interaction plays an important role in classroom teaching. The verbal interaction of listening, speaking, whiles the non-verbal interaction of gestures, body language. Its appearance varies in the online classroom.

b. Everything is available on YouTube today, but is its content, language, layout suitable for your students' age group? This needs to be considered.

c. It is necessary to consider the process of transforming information into knowledge while relying on Google Guruji.

d. WhatsApp can be used to move from easy to difficult, text, picture, audio, video can be sent in it. Web links can be sent so that it is easy for students to accept that it is a medium of study.

e. Group calls feature can be used to take children who are lagging behind in studies, as well as for small group discussion, project presentation, and oral work.

f. All the features of Google Classroom can be used; it was easy to use Google Meet and Hangouts. Live teaching and chatbox can be used effectively while doing that. The element can be visualized through a screen presentation.

Challenges of Using Digital Library:

a. Lack of internet speed and technology.

b. Lack of prompt response by readers.

c. Lack of technical understanding.

d. Adverse effects on mental and physical condition.

Conclusion:

Thus, online education is now a mandatory system of education in the pandemic era. There is no alternate to it. To get knowledge, the library plays an important role in which now-a-days, Digital library is working as important key tool. Though, there are challenges which are mentioned above, there is no alternate to digital library in this current covid—19 eras.

References:

1. Aristovnik A, Keržič D, Ravšelj D, Tomaževič N, Umek L (October 2020). "Impacts of the COVID-19 Pandemic on Life of Higher Education Students: A Global Perspective". Sustainability. 12 (20): 8438. doi:10.3390/su12208438.

2. Breeding, Marshall. "Preserving Digital Information.". Information Today 19:5 (2002).

3. Defence, National (9 April 2020). "Defence Team Mental Health and Coping during COVID-19". aem. Retrieved 8 December 2020.

4. Fox, Edward A. (1999). "The Digital Libraries Initiative: Update and Discussion". Bulletin of the American Society for Information Science. 26 (1). ISSN 2373-9223. Archived from the original on 3 April 2018. Retrieved 30 April 2018.

5. "digital libraries, electronic libraries and virtual libraries". www2.hawaii.edu. Archived from the original on 2016-03-07. Retrieved 2016-01-18.

6. Keats, Jonathon. "As Art Fairs And Galleries Take Refuge Online To Elude COVID-19, Internet Art Is Emerging To Temper The Lockdown". Forbes. Retrieved 26 August 2020.

7. Mheidly, Nour; Fares, Mohamad Y.; Zalzale, Hussein; Fares, Jawad (2020). "Effect of Face Masks on Interpersonal Communication During the COVID-19 Pandemic". Frontiers in Public Health. 8: 898. doi:10.3389/fpubh.2020.582191. ISSN 2296-2565. PMC 7755855. PMID 33363081. Interpersonal communication has been severely affected during the COVID-19 pandemic. Protective measures, such as social distancing and face masks, are essential to mitigate efforts against the virus, but pose challenges on daily face-to-face communication.

8. Panchal, Nirmita; Kamal, Rabah; Orgera, Kendal; Cox, Cynthia; Garfield, Rachel; Hamel, Liz; Muñana, Cailey; Chidambaram, Priya (21 August 2020). "The Implications of COVID-19 for Mental Health and Substance Use". KFF. Retrieved 8 December 2020.

9. Pogrebin, Robin (27 March 2020). "In Time of Quarantine, Zwirner Shares Online Platform With Smaller Galleries". The New York Times. ISSN 0362-4331. Retrieved 26 August 2020.

10. Witten, Ian H.; Bainbridge, David Nichols (2009). How to Build a Digital Library (2nd ed.). Morgan Kaufman. ISBN 9780080890395.