E - SERVICES OF LIBRARY IN ONLINE EDUCATION IN COVID-19 PANDEMIC

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Abstract

The current theoretical paper discuss in E-services of Library in Online Education, its meaning, role of libraries in needs of online education modules forms, technologies, components motivating factors virtual communication tools. Internet is a treasure and ocean of worldwide information. Internet is not only a medium for digital communication but also the world's largest repository of information. It provides access to variety of commercial and non-commercial information sources including on-line journals, books, newsletters, library catalogues etc.

The study imbibe on overview about the present status, development prospects of the electronic education, its different types i.e. on-line education, virtual education, e-learning methodology, e-learner and components like e- learning tool, e-learning resource, on-line resource and storage media, e-digital resource, e-learning web sites, e-library, virtual library, on-line library in COVID19 pandemic. Hear also discloses the effectiveness, qualities, cost effectiveness, economics, various e-learning program, future of e-learning and its various aspects, prospects and different feathers of the electronic education in COVID19 pandemic.

Key Words: *E – Services, Library, Online Education, Covid-19 Pandemic*

Introduction:

Libraries have changed from mere static storehouse of knowledge to dynamic service centers. The internet is blurring the traditional roles of creators, suppliers and distributors of scientific information and injecting a long overdue element of competition. The concept of information is age less, information Technology is the savoir of mankind. The method of classroom learning is changed to e-learning. It has played a major role on library and information science professionals. This topic focuses in the context of college libraries and their rapidly developing use of information and communication technology. Its key focus and emphasis is on how the college libraries influence the changes to teaching and learning that will result from an e- education environment. Understanding the impact of e-teaching ,e-learning and e-education is seen as fundamental to moving us forward so that we can make greater use of the opportunities provided by the internet. E-teachers are considered central to the move towards-education and the way in which ICT is integrated in the academics. College libraries are the forefront of knowledge when it comes to systems and services that suit the

needs of the information seekers. It remains for them to act at the institutional, national and international level to ensure that this knowledge is brought to bear in e-learning to the benefit of teachers and learners directly. India is the largest democratic country in the world and population wises second, population is the biggest problem for systematic development its moves towards the dangers make, due inadequate development in primary education, in this regards India had passed the 83rd amendment bill in the constitutions to making elementary education as fundamental right. This amendment has improved the literacy rate, quality of line and control the population rate, because India has the largest number of illiterates in the world, its nearly half of its population is below the literacy line. In the age of information technology and globalization of the world, all topmost premier organization are provide electronic education, on line and virtual education. In information technology has play the power full role to prompt the education. Due to education technology towards the distance learning/on-line education and many e-leaner has getting professional qualifications through the internet.

Objectives of the Study:

The Researcher defined the following objectives for the present study:

1. To understand the concept of E-Education.

2. To discuss the E-Learning approaches in India.

3. To know the various E - services of library in online education in covid-19 pandemic.

E-Education:

During the last decades there have been phenomenal growth in the electronic education, the number of leaner's are benefited by the use of on-line universities/education institutes services through the world wide web and telecasting and broadcasting, such as in India ZED-TV (Z-education) and IGNOP are telecasting the its educational. The e- education involves-teaching and e-learning along with the various other administrative and strategic measures needed to support teaching and learning in an online environment. It will incorporate a local, regional, national and international vision of education. An college library must have an effective e-learning strategy must be a good combination of the technology and the content it carries. It must also focus on critical success factors that include building a learning culture, marshalling true leadership support, deploying nurturing business model, and sustaining the change throughout the organization. Again, e-learning compasses both the acquisition as well as use of knowledge distributed and facilitated by electronic. E learning have been made possible by the use of the Internet education, its provides the learning is no more limited to classroom

sessions and give the path for exertive, expect us and pinpointed education, it also empowerment of the learner from the different ways i.e.

- Internet Learning
- CD- based Learning

Internet- E-learning:

Internet is predominated and developed the education especially in higher education and education research etc. due to this technology e-learners are move from traditional learning to e-learning, on –line education. It would also be beneficial for the working people and people who are always in traveling they can get his college, library and notebook with his laptop .Internet provide the facilities of dissemination of education through the worldwide web, e-learning has been made possible to collect information by the use of Internet. The e-learners can get his or her course syllabus, course materials, assignments and project report and views of the expert through the internet and also submitted has quires, assignment and project through the internet .e-learner or on-line learner can also get the wide range of information in the sense of learning thorny internet in to access information in the way of pinpointed, exit us, expeditious, access any time, access anywhere, learning without limitations, exploration, experience, engagement easy to use, time saving. In this regards the e-learners can learns through the internet and it can also be use for the following purposes i.e.

- ❖ Browsing brochures of academic Organization
- ❖ Consulting courseware
- ❖ Consulting course materials
- ❖ Consulting Instructors & learning manual
- ❖ Consulting course syllabus
- ❖ Consulting course assignments & project
- ❖ Consulting on-line library & Library catalogues
- ❖ Browsing electronic journals reports books, videos, CDs etc
- ❖ Reading newspaper
- ❖ Deciding topics of research of research work
- ❖ Participation on news group/bulletin

E-Learning approaches in India:

During the year 2003, Indian Government launched an ambitious project of E- learning and E-governance. The aim of this project is to take E- learning to schools in every district across the country. A number of private companies and institutes such as NIIT, APTECH, Institute of Management Technology, Ghaziabad, Gurukul Online Learning Solutions started offering E-learning programmes in various disciplines including computer science and information technology. Gyandarshan Educational Channel- A joint venture of MHRD, Information and Brodcasting Prasar Bharati and IGNOU launched Gyandarshan on 26th January 2000. It is an exclusive educational TV channel in India, working jointly with SIET, NOS, DST,NCST etc. and at present it transmits educational programs round the clock. EDUSAT a consortium of three universities vi Mumbai University, Madras University and Calcutta University provides education to millions of people at their doorstep. It is the world's first educational satellite in India launched in 20th September 2004. It enables information to be broadcast in local languages and dedicated to distance learning in India.

E-learning through Television:

During the last decade in India has a very fast growth in the e-education through the Door darsan and some private television transmission channels are transmit the educational programs for distance learner its taken the key role to provides about the course wise programs through the TV some most important e-learning institutes like Zed education, NCERT and IGNOU in providing Cable TV education on the television for the distance education institute.

E-learning through Radio:

Radio broadest the educational program for the e-learning or distant Lerner like Akas wani has provides the broadcasting the educational program for e-learner or distant Lerner science the last decade in India. Some private radio station also involves in the broadcasting the educational program for full time that's why in the field of e-learning program makes the tremendous and very fast growth in the e-education through the radio broadcast the educational programs for distance leaner its taken the key role to provides information about the course wise programs through the radio some most important e-learning institutes like Zed education, NCERT and IGNOU is providing the programs for the distance learner and e-learner.

Virtual E-learning education:

Virtual education system in possible due to the network and Internet in provides faculties for sharing if information e-learning institutes and e-learners. Open universities and

correspondence courses can made a network for e-learning and on-line educational institute through the computer network. Present open universities have adopted the following communication mode use for providing the course material, teaching and of training.

Networks of study Centers- open universities have provide study material through the study centers.

Computer Networks– open universities have provided study material as data base on Internet through the website.

Digital e-learning education: The mode of digital education is an electronic database, e-book, e-journals and some other e-resource, which is available in the form of CD Rom, floppy, pen drive, magnetic tape, DVD, or through email, file transfer ect.

Distance learning

E-learning tools:

E-Learning tools are very important for e-learner it's referred by the e-learning as library and lab. Internet has available so many e-learning tools, which support the e learning for on-line education i.e. courseware designs, Instructors manual, learning manual and assignments, projects, syllabus, course ware other then this on-line education has huge numbers of tools are available which support the on-line learning i.e. on-line library, on-line search and on-line training. Internet also a big tool for a learning, its provides services – E- mail/hot mail/telnet, FTP, Video Conferencing, file transfer, web search, and bulletin board in as electronic message system for distance learner.

E-Learning Web sites:

The basic objective of www of is to browse the information across, internet hypermedia technology can also provides facilities to the remote login e-learning to browsing and access information across from the globally. This technology is also used in the on-line education. Internet has a so many e-learning web site available for distance education it can provides the online information to their learners, so many e-learning can get their professional qualification through the e-learning institutes .e-learning institutes web page working as a public relation tool. To provides a venue for one-way communication. The e-learning institutes web page dedicated to give the facilities to the e-learning to they can get whole range of e-learning information resources and services through the internet such as on-line recourses are available in the e-learning institutes and their libraries ect. It means it is extremely helpful for the distance

user or remote user to know about different type of on-line resources of e-learning institutes and its activities through the internet.

E-learning web page:

Web page designed for display the detail and different type of information through the pull-down menus, dialog boxes, graphical menus, related web links and icons. Most of the e-learning institutes web page in provide the resource search facility to the learning in his or her own particular fields and reference. It is willing to give answer of and query of the registered e-learning and they in have given the whole range to information about the e learning. Some most popular e-learning web page is as fallows

On-line E-learning resource:

Internet communication technology provides the facilities to e-learning sharing and Access information. Electronic resources are transmitted data in the internet at our fingertips on more than a few clicks. On-line search on Internet is active is started since last few years ago. But it has changed the face of information and retrieval all over the world. The World Wide Web has change the way of life. On-line resources are very useful and effective tool for resource sharing, access and Searching information across the world though the Internet searches engines or web search.

E- Library/ Virtual Library:

Library beyond the library walls its open for all and information access across the global through the www.Librarian those provide information or facilitate the access information on Internet its makes the virtual thing system. In modern concept the following library system are developed on computer

- **Electronic Library:** An electronic library is one which has its collection in electronic forms such as hard disc, optical media like CD-ROMs, DVDs and Microforms etc.
- **Digital Library:** The term digitization refers to the conversion of printed materials in to an electronic form. Digitization solved the traditional library problems such as conservation, preservation, storage and space.
- **Virtual Library:** A virtual library is a library without walls, spread across the globe from where on is able to retrieve the whole world information through a properly networked workstation.

Virtual library is providing facilities such as search library catalogue Information search, bibliographic search etc. Library can also provide the electronic deliveries of require

information through the electronic mail File transfer, Video conferencing and delivered the photocopy of the required document to the distance Learner.

E-libraries provides the following facilities to distance learner

- On-line resource search
- On-line inter library lone
- On-line library network link
- On-line Union catalogue
- On-line Library Services & journals
- On-line library Database & Library resource
- On-line CAS/SD1

E-book Internet has so many e-book available for on line search download the free of cost of wide range of e-books like.

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- www.nightkichen.com
- www.ebookland.com
- www.ebookpeanutpress.com
- www.pyramidsofmars.com
- www.memoware.com

On-line Storage: An on-line storage service is a very important tool for e-learner to storing of useful document and file etc. It considerably saves the files at a secure place and down loading them later on the different location. On-line storage services provide the facility to Learner to use enough free storage space, file sharing and storing the data for later use across all over the world through the computing device. Learner also determined the performance of the sites in delivering fast access to the data storage, providing the facilities to the user downloading and uploading of document

Education web sites: Educational web sites provide information about course, admission procedure, examination dates, and distance learner of distance learning. The Universities also provide their results, detailed Information about the educational Institutes, its course, faculty,

admission guidelines, fees. Hostile, Prospectus & Library catalogues etc through its web sites. Which provides its educational program its web sites? Some Important educational institutional and on-line education system already provided its educational programs through the Internet.

Some Important educational institutional web sites

- www.acelearner.com

- www.aptechomlievarsity.com

- www.blackbord.com

- www.educationbangalove.com

- www.egurucool.com

- www.iitpt.com

- www.lifelonglearning.com

- www.netvarsity.com

- www.zeelearn.com

- www.ivlu.com

- www.blackbord.com

- www.digitalthank.com

- www.edurite.com

- www.elementk.com

- www.learningbyte.com

- www.mysap.com

In the on-line education Internet work as Information highways have radically changed the methodologies of advanced learning and delivery. Information delivered to learner exhaustive and expeditors with economic manner at any time at anywhere in the world with techniques of World Wide Web. This technique impacts on high education to a large numbers of distance learner very frequently use this 'communication system'. E-Learning Universities have established a wide network of regional Centers and Study Centers for providing study material, teaching support to distance learner. E-recruitment When e-learner has quilted the he suppose to get employment for so many web sites provides the job opportunities to e-learner. E-leaener required them they could scan through advertisement in newspaper or chase placement consultants. Job-hunting on the Internet is must faster then the paper publication. It means e-recruitment is the powerful source for job searching through the Internet. Learner can submitter

his detail CV through the internet with in second and can gate the Email ID filled a list of opportunities. Learner can also try to access the companies and organizations web sites and send our application with Email ID and can get job opportunities.

Conclusion:

On-line education imbibes the facilities to delivery of education at any time at everywhere in the world in this current COVID19 pandemic situation. The online education offers a worldwide range of distance education delivery of the electronic document to distant learner/ student through the video & audio conferencing/ Internet network. This concept developed the virtual classrooms, teleconference education, virtual education and On-line education. It means due to easy communication system E-learners are enchants towards the distance system. Now days this on-line E - services of library in online education in covid-19 pandemic provides very initial role in our education system.

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