



## ROLE OF DIGITAL LIBRARY AND INFORMATION CENTERS IN MODERN HIGHER EDUCATION: WITH SPECIAL REFERENCE TO E-LEARNING.

Mr. Sunil Narnaware  
 Librarian  
 Learning Resource Centre  
 Nagar Parishad Shivaji Mahavidyalaya, Mowad

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### ABSTRACT:

The information Communication Technology makes tremendous effects on Library and Information Centers. Now traditional libraries are converted in to Digital Library. Development in Digital resources and information explosion in the form of digital information it impacted directly to our Higher education system specially the e- learning. Now, all type of information is available online on internet and many users access this information on their mobiles or other gadget. Considering last five years our digital information development especially in the field of education system and library system are increase. The developed modern digital library gives special digital information services to research scholar for better education as well as research. In this paper author discuss about role of digital library and information centers in modern education also discuss some digital initiatives regarding e-learning.

**Key words:** -*Digital Library, Digital Information, Higher Education, E-learning, Library and Information Centers.*

### INTRODUCTION:

The development of the Web and computerized innovation has caused an emotional and quick change in academic printing and distributing world after In the mid 1970s, advanced libraries were worked around small scale and primary edge PCs giving remote access and online pursuit and recovery administrations to online information bases utilizing PC and correspondence innovation accessible around then. Present day advanced internet based library or Electronic library information base and assets history isn't extremely lengthy, Since the ideas was first sent off 2003 in Institutional Repository (IR) in 2003 all out more institutions of the world took on Institutional Storehouse to store information in computerized structure in digital library. For our academic libraries, which are liable for safeguarding and giving admittance to the insightful record and data, these changing academic correspondence rehearses are making both new difficulties and new open doors.

### World Digital Library

World Digital Library has expressed that its main goal is to advance worldwide and intercultural understanding, grow the volume and assortment of social substance on the Web, give assets to instructors, researchers, and general crowds, and to assemble limit in accomplice foundations to limit the advanced separation inside and among nations. It means to extend non-English and non-western substance on the Web, and add to academic examination. The library plans to make accessible on the Web, for nothing and in multilingual arrangement, critical essential materials from societies all over the planet, including original copies, maps, uncommon books, melodic scores, accounts, films, prints, photos, structural drawings, and other huge social materials. The most aggressive public level venture in the US is the Library of Congress Public Advanced Library Program under the bearing of James Billington. This' undertaking will likely digitize more than 5

million media things from the broad Library of Congress assortment with specific spotlight on authentic data. The Advanced Library League of Fifteen of the Assembled country's biggest exploration libraries and files concurred in 1995 to participate on characterizing how should be united digitized materials that archive the structure and elements of US legacy and societies and will be made open to individuals all over the place. Sent off in 2009, the World Computerized Library was a venture of the U.S. Library of Congress, with the help of UNESCO, and commitments from libraries, files, exhibition halls, instructive foundations, and worldwide associations all over the world. The WDL looked to protect and share a portion of the world's most significant social articles, expanding admittance to social fortunes and huge verifiable reports to empower revelation, grant, and use. After these early exercises, a great deal has occurred in the space of advanced libraries, computerized distributing and systems administration of electronic instructive and social assets. Next to each other with the progressions came a bunch of difficulties, two of them are licensed innovation privileges in the advanced and arranged field, and computerized conservation, a steadily developing worry as assortments move to advanced configurations and customary variants are disposed of. In this universe of quick change, advanced libraries offer numerous offices to training overall and to advanced education specifically. This places of business a portion of the jobs of advanced libraries in advanced education; correlations with customary libraries are additionally introduced. The accompanying segment is given to every one of them. The third area tends to the two difficulties - licensed innovation privileges and computerized conservation - for the utilization of advanced libraries in this unique situation. The keep going segment remarks on the significance of computerized libraries and its organizations for advanced education.

### Digital Library

When traditional library developed in to digital library, it may call digital Repository, digital database or digital collection. Digital library is an online library of database of digital information which is include, text, images, audio—video material or other digital formats.

A definition of digital libraries is from Digital Library Federation (1999) “Digital Libraries are organizations that provide the resources, including the specialized staff to select, structure, offer intellectual access to interpret, distribute preserve the integrity of and ensure works so that they are readily and economically available for use by a defined community or set of communities.”

According to Gladney, H.M., et.al (1994) “A digital library service is an assemblage of digital computing, storage and communications machinery together with the software needed to reproduce emulates and extend the services provided by conventional libraries based on paper and other material means of collecting, storing, cataloguing, finding and disseminating information.”

Digital library is exceptionally helpful stage for the userss and its assuming powerful part in the field higher education. Digital library have extraordinary commitment in numerous space of day today life and everything can undoubtedly figure out in least conceivable opportunity anyplace due of advanced library. Modern digital Library is keeping data and changing information in various organizations in on the web and disconnected structures in the libraries depositaries, Servers and cloud server, every ones devices are now connected with internet.

### Digital Library and Modern Higher Education

We are on the limit of an insurgency that is making the world's aggregated data and information open to people all over the place. Digital innovation won't just change the scholarly exercises of institutions; it is probably going to cause rebuilding of the current

advanced education venture into worldwide information and learning sector. Digital library is utilizing as teaching learning tool, showing information in the different scholarly areas of higher education like social instruction, social schooling, specialized training, research instruction and business schooling. Digital libraries are significantly more simple admittance to look through data; it is exceptionally brief time frame taken strategy that extend our likelihood to store books, articles, courses, pictures, sound recordings and other understanding materials, as of now we have numerous digital or online libraries and some of them are extremely magnificent. The greater part is important wellsprings of reference, however there are some, for example, those recorded here, that contains books, diaries maps movies and audio-video books that would be extremely challenging to track down in actual structure. There is not an obvious explanation for digital libraries not to have the same elements of conventional libraries, then again, actually they can add capacities and worth due to their digital and arranged nature. Bringing digital libraries into the instruction interaction has been in progress in distance training for various years. With the Web and the Internet, distance training projects can mount sets of materials on Web servers to help a course. The scope of materials that right now are in digital structure is extraordinary. Applying digital libraries in training can possibly definitely change major parts of the classroom manners that could hugely affect education system and learning environment. The digital library should be visible as a data space in which understudies are moving around and experiencing new data, and working with the educator and different researcher to figure out what they experience.

### **Functions of Digital Library in Modern Higher Education**

In the higher education context there are various functions of digital library is important such are.

#### **Digital Library and Courseware**

Books and traditional information have been kept and conveyed by the academic libraries. Then again, class notes, test systems, spread sheets and different materials made by personnel have customarily been made accessible by their creators through duplicates in a casual conveyance circumstance. The utilization of ICT tools and Data and Specialized devices has changed the casual circulation to computers and arranged based arrangements. As outcome, a lot of substance opened from devices coming up short on the vital recognizable proof and access control. Distinguishing proof is significant for these search and recover activities by the users of digital library. Digital information and its management - texts, activities, intelligent activities, audio-video resources, digital books, e-diaries and online tests can be put away, portrayed and appropriated through digital network and computers. The administration is free of the kind of data, as long as it tends to be put away in digital records. It likewise can be shared without human intercession making the entire interaction quicker and less expensive.

#### **Digital Libraries and reference service**

Generally students coming to libraries to need for materials that related to syllabus or course contents. They request extra books, diaries, theses and dissertations, technical reports, question sets and different things that enhance the educational process. This can be very necessary inside the high undergraduate years and inside the graduate level. Investigation is predicated on heaps of watching out, retrieving and reading. Along these lines, libraries should convey and fabricate offered collections to meet this need. Some examples inside the ancient

world as the memberships of scientific diaries and conference proceedings. Digital libraries, like their ancient counterparts, will hold reference materials. Furthermore they need every one of the benefits mentioned inside the context of courseware. At a comparable time, the characteristics of being offered constantly from anyplace and of cross-institutional cooperation are the strongest focuses.

### **Digital Library and E-learning**

Digital libraries are set of electronic resources and associated technical capabilities of creating, putting away, searching and dissemination of data. Digital libraries are assuming a crucial part in online learning education system. The vast majority of the digital libraries are dedicated to supporting higher education and research and they legitimize their investment in digital development as a powerful means of realizing the larger institutional objectives of the academic local area they serve.

One reason for involving digital libraries in E-learning is that it can store and manage large measures of digital content, for example, full text, course materials, bibliographic databases, library inventories, image and sound bites etc. In this manner it provides an environment to unite collections, services and people on the side of the full life cycle of creation, dissemination and preservation of information, data and knowledge. Another reason to use digital libraries is that utilizing different electronic apparatuses, learners can search text materials and images easily and rapidly, which can be applied extensively across a wide range of foundations. Advance intercommunication technology, sophisticated search engines, and affordable expense, large storage of digital content are the other reasons to implement a digital library in modern higher education.

### **Advantage of digital libraries in e-learning**

- Access digital resource worldwide.
- To use electronic resources, information by 24X7.

- Same information could be access or view by number of users at same time.
- Increasing Course delivery.
- One can carry several titles at once in their devices.
- Links to any documents.
- Link to publishers.
- On demand online information provided.
- Remote accessing.
- Reuse of digital resource.
- Search result will be delivered to an e-mail box .
- Protecting rare books.
- It is cost – effective and cost-efficient.
- It provides faster learning, increased access.
- Equal education for every body
- Digital library on mobile.
- It provides current information and helps to research scholars.

### **CONCLUSION :**

Libraries have played an important role in higher education for a long time. DL have preserved and given access to a wide range of materials - books, compositions, rare documents, diaries, maps, etc. that have supported the process of learning. DL have additionally been the keepers of materials produced by students, staff and researchers - graduate projects, theses and dissertations, technical reports, etc. in this sense they have functioned as the institutional archive. It is critical to remark that, for institutionally created materials, the library needs to give access while preserving the documents as an archive. Theses and dissertations are scientific works at the same time, at the same time, are portions of the historical backdrop of the organization. When a digital library is created, every one of the capacities that have been performed by the conventional library will have parallel in the digital and networked environment. Accessibility, accessibility, interaction, customization and reuse are solid reasons to use digital libraries for higher

education even when there are challenges in the digital and networked environment.

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