DIGITAL LIBRARIES

BLIS4008

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Digital Library: Concept

- Digital library is a collection of service and collection of information.

- It support users in dealing with information objects.

- A digital library is an integrated set of services for capturing, cataloging, storing, searching, protecting and retrieving information.

- The organization and presentation of digital objects.

- Resources are available directly or indirectly.

- Digital library is a global virtual library.

OBJECTIVE AND SCOPE OF DIGITAL LIBRARY

❖Access to large amounts of information to users wherever they are and whenever they need it.

❖Access to information sources.

❖User –friendly interface.

❖Advanced search and retrieval.

❖Network accessibility of internet.

Collection

Technology

CHARACTERISTICS OF DIGITAL LIBRARY

Work

Transbordering of information

Collection-   Digital library collection contain fixed, permanent documents, digital environment will enable of quick handling and ephemeral information.
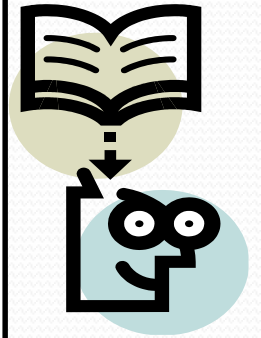
Technology-   Digital library are based on digital technologies. It is likely that both digital and non-digital information material will have to coexist.

Work:- Digital libaries are to be used by individuals working alone. There is a work oriented perspective focusing on group of information analysts, work being done and the documents and technologies that support it.

Transbordering of Information:- Breaking the physical boundaries of data transfers with and outside the countries.

❑ No physical boundary

❑Networking

❑Space

❑Preservation & conservation

❑Information retrieval

❑Structured approach

❑Multiple accesses

❑Round the clock avail

DISADVANTAGES OF THE DIGITAL LIBRARY

- ❏ Copyright

- ❏ Speed of access

- ❏ Initial cost is high

- ❏ Preservation

- ❏ Environment

- ❏ Efficiency

- ❏ Bandwidth

- ❏ Job loss for traditional publishers and libraians
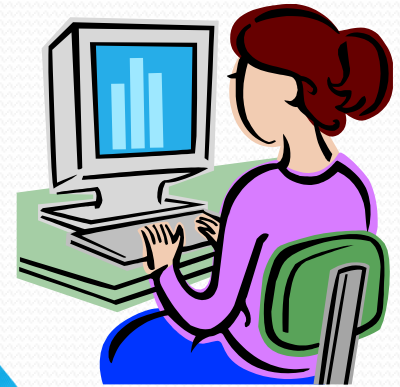
NEEDS-

Information Explosion

New generation needs

Low cost of Technology

Environmental Factor

Searching problem in traditional libraries

RESOURCES OF DIGITAL LIBRARY

ON- LINE RESOURC-ES

OFF -LINE RESOUR-CES

RESOURCES

1. ON LINE RESOURCES

- E-book, V-book, Electronic –Resources, maps, images, sound,Video and multimedia etc.
- E-Journal
- Local database of traditional books in machine-readable form.
- LAN,MAN,WAN for web browsing e-mail etc.
- Well trained manpower for online help

2. OFF LINE RESOURCES

- CD-ROM etc.
- Audio visual aid etc.

CONCLUSION

❖Digital libraries provide a great service , excellent access to resources, opportunities.

❖A great challenge economically.

❖Challenge to decide what services are the best.

❖Digital libraries have been an extension from traditional library services.

THANKS