MANAGEMENT OF MODERN TECHNOLOGY IN ACADEMIC LIBRARIES

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ABSTRACT:

The present paper is focus on the concept of management is regarding to modern technology the quality of library collections is fundamental to the institute success in learning, teaching, and research. Today's the librarian are challenged to move away from a tradition way.' collection development, which emphasized only encompasses a much broader range of policy, planning analysis, and cooperative activities. The time is changing and therefore requirements and environment of library, library staff, working condition and users demands are also changing. The impact of new technology that is internet and digital products on libraries has been widely discussed. Amazing growth of e-resources changed library operation dynamically. In the modern era popularity and need of e-resources have increased and the librarians and staff also have to change their management system to fulfill the requirement of the modern users. Paper deals with various aspects of management of e-resources i.e. ERM, management of converting a document into e-book format, preservation of resources and discusses how ERM system needs to be changed.

Key words - collection development, E- resources, Digital library , Software packages.etc.

INTRODUCTION :

Today Libraries and information centers have been greatly affected change in IT. and the rate of changes still is accelerating in this era. All libraries are trying to shift in content from print to electronic. Electronic resources such as databases, electronic journals and e-books are increasingly prevalent in libraries today. These resources affect the professional libraries today. Electronic Resources and management will examine the entire life cycle of e-resources. Including acquisition, licensing and access management as well as the evaluation and

Page 28

preservation of these materials. Generally e-resources may be classified into two major areas viz. online resources and offline e-resources. Online resources includes e-books, e-journals, e-library, e-forum, e-learning , e-shops, e-dictionaries, email, gmail, SMS, MMS, meta search etc. The libraries therefore need to formulate a separate Electronic Resources Collection Development Policy. However to achieve the goals of an ideal information system there is a need to select. So, the main purpose to management to both the uses and staff for its access and retrieve at all times.

MANAGEMANT OF THE COLLECTIONS STRATEGY & DIGITIZATION

Selection Criteria-Major trends to be considered for the selection of digital information resources includes content, Quality, Currency etc.; Hardware, Software and Net requirements; Version of the product, Network or stand-alone especially in case CD-ROMs; number of concurrent users allowed, Access control- passwords, Proxy server, Authorisation, Price and licensing and copyright agreements, Database features the retrieval engine and the user interface and Archiving procedures. Digital documents may be born-digital, created using digital public tools e.g., word, DTP. Or converting from analog format to digital format and further to some another suitable format. The process of capturing and converting from analog to digital format is often called as 'digitization' or 'digitalization.'

NEED FOR MODERN TECHNOLGY MANAGEMENT

The development of information technology and the dissemination of web environments have a dramatic effect on the user behaviors in information usage. User request more convenient usage of information beyond the time and space barriers, which changes the library atmosphere. Electronic resources is quite different from that of print resources since it is characterized by access without holding the physical objects.

MANAGEMENT OF MODERN E-RESOURCES

An electronic resource is defined as a resource which requires computer access or any electronic product that delivers a collection of data, be it text referring to full text bases, electronic journals, image collections, other multimedia products and numerical, graphical or time based, as a commercially available title that

- Multi-access
- Speed
- Functionality
- Content

Apart from the above some other advantages of e-resources may include: international reach, unlimited capabilities. reduced cost. Convenience. Search ability and linking (Bajpal, Mal, 2009)

The system manager should have good professional skills to organize the available resources effectively. In a modern digital library information system, the professional should have skills like computing, database management, networking, and other management skills relating to IT era. ERM system should provide the tools to manage e-resources throughout their life cycle while supplying the data that administrators need to make decisions about acquisition, renewals and cancellation of e-resource subscriptions. Some important things are should keep in mind that is,

a) To organized accessing under separate authority,

b) To include e-resources either in OPAC or to make different list for browsing,

c) To organize the e-resources within the context of other resources and websites.

NEED FOR LIBRARY MANAGEMENT

- Improved customer service through greater access to accurate information.
- Improved efficiency and effectiveness in administration and management as it has unprecedented access to real-time information.
- More economical and safer means of strong and keeping track of information.
- More reliable security for sensitive and confidential information.
- Greater accountability and transparency in operations.

There are many library software's being used in Indian libraries. The following major software's are discussed.

a) LIBSYS LTD
b) SLIM2
c) SOUL
d) LIB LIME KOHA
e) SANJAY
f) E-GRANTHALYA
g) LIBMAN., etc

The entire above mentioned library management software are useful for automation of the library. An attempt has been made to provide special features facilities and technologies incorporated in library automation packages.

ADVANTAGES OF MANAGEMENT

The reasons for or actually embarking on the purchasing of electronic resources are generally accepted because of electronic resources are generally accepted because on the ease of usability, readability and accessibility.

PRESERVATION

Preservation of modern technology is a important as developing them. This can be done with the help of following manner:

- Online preservation: virtual storage space in Gmail, Websites, Yahoo, Google briefcase application. And webshots.com for photos and so on.
- Offline preservation: floppy disks C.D. DVD, Memory sticks USB Flash Drive, Smart Card, ATM, SIM Card in mobile phones, joy bee devices and so on.

CONCLUSION :

The management of ERM system is basically a tool for librarians, but its impact also relates to end users. Developing e-resources and preservation of them has become the need of this hour. Thus the e-resources have significant roles to play in teaching learning process. The information gathered in the ERM system can serve as a starting point for users interaction with-resources. The teachers to get an awareness of these resources for their future academic growth. The rapid growth of e-resources libraries have to change their management system which will hip for modern technology.

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