THE ROLE OF COLLEGE LIBRARIANS IN RE-ENGINEERING SERVICES IN DIGITAL ERA

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Abstract: Libraries due to the changing needs of library patrons re-engineering process require changing their practices. This will enable libraries to establish new innovative practices and procedures. By developing the old services of libraries into services, it will be more convenient to serve the readers in the digital sphere. In this digital age, librarians are faced with a variety of new challenges in providing rapidly changing library services.

Key Words: Digital Library, ICT, Re- engineering, College Librarian

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Introduction:

Information technologies today are characterized by their very dynamic development and increasing complexity. The technologies allow completely new solution to old problem and consequently old services are displaced by new services.

In the current turbulent phase of information technological development this process of displacement of old solution by new once is particularly difficult of steer. In the fast changing, expanding diverse global digital environment, libraries are facing a variety of new challenges from multiple sectors of the information.

Society- The Major challenge before college library:

a.   Information explosion.
b.   Information and Communication Technology (ICT) revolution explosive growth and usage of internet and web resources
c.   Dwindling Library Budgets
d.   Escalating cast of printed document.
e.   Heightened level of user expection changing educational and learning environment.

Evolution of virtual educational Institution changing nature and number of information resources.

New Pattern of scholarly publication and communication, Development of digital,

Virtual and hybrid Libraries.

Online Bookshop:

These challenges have called for reorientation, re-engineering and transformation of traditional libraries into new generation of libraries. Now days the concept of library has been change by several way such as automated library, computerized library, electronic library, digital library, internet library, virtual library, library without walls, complex library, hybrid library etc

Definition of Re-engineering:

The Concept Re-engineering was first proposed in 1990 by Michal hammer and James Campy. Hammer and Campy define re-engineering as follows.

"Re-engineering properly is the fundamental rethinking and radical redesign of business process to achieve dramatic improvements in critical, contemporary measures of performance such as cost, quality, service and speed."

Objectives:

1. To know and identify the college library with new ICT Technology.
2. To know the rule of librarian in modern ICT Era

Use of ICT's in teaching- learning Process:

The use of information communication and Technologies in education makes teaching-learning process effective and interesting. The information and communication technologies (ICT) is an umbrella that includes any communication devices or application encompassing Radio, television, Cellular phone, Computer and Network hardware and software, satellite system and so on. When such technologies are used for educational purpos to support and import the learning of students and to develop learning environments.

Role of College librarian in ICT's Era:

In the changing environment the role of librarian is very important in developing the library according to use need and challenges thrown by ICT. The college library is not only simply to get bridge for books and journals on print media but also make arrangement to modernize the library, keeping in view of the changing need of the society. Modernization of the library includes automatic of library activities, building digital resources and internet connectivity with adequate speed for accessing online information. The librarian should have knowledge and experience regarding the library automatic software.

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information. The librarian should have knowledge and experience regarding of library automatic, software, networking and digital library software. Without the knowledge of it is not impossible to handle the library modern technology. The librarian will not able to cope with changing ecology of library. If he is not able to deliver the goods to meet the changing needs of the patrons then he may lose his credibility due to library services may effect.

The best use of any library depends upon managerial capability of the librarian because he is the leader and role model for the staff. He is not only to set an example for others to work but also to make significant contribution to adapting the technology, which is useful for library and users as well.

The new technology has not only empowered the users but also the librarian to monitor the activities of budget, cataloguing, classification, digital collection, latest information on net etc. Hence the role of the librarian is like a pivot around which all the activities of the library revolve.

New Trends:

The rapid revolutionary advances in information and communication technologies (ICT) have brought phenomenal changes in libraries infrastructure, information resources, library function and services, staff competencies and uses expectations. College libraries also need to develop sound innovative strategies for successful management.

In this context of ICT's the college libraries are prepared render the service to users most and effectively.

Re-engineering of Library Services:

In traditional period the college library render to service by manually. But now days in the need digital age a need of hour to their services render through computer based services.

Internet Services:

In the ICT era the use of internet in library for searching information and other library services.

1. It provides facility of browsing document, books and journals.
2. It Service will help the teachers and students by providing information and resources and helping them in fast access and retrieval.
3. The CD-ROM based internet facility includes variety of multimedia materials, data base etc.
4. By using internet service make the method of accessing and retrieval of information simpler and faster

Reference services:

The role librarian in changing fast in the digital environment as the traditional reference desk will be converted into virtual reference desk. With the advent of internet the rendering of the reference service has changed. The reference librarians will now have to rely on electronic and web resources. Reference Service through mobile and e-mail will be in vogue. The fare college librarian will equip themselves with latest technology and finding information through search engine of different subject to get pointed data.

A. **Current Services**: This service can be provided manually as well as mechanization the data. Generally four types of this service

1. Title announcement service.
2. Announcement of research in progress.
3. Notification of forthcoming conference
4. SDI Service

For the purpose of above services of primary well, the data coded and used for generating current Awareness service Bulletins.

List of latest addition to the library books, periodicals, audiovisual material of any other can be put into the internet web for uses attention.

B. **SDI Service**: User requests are collected through e-mail the descriptors are matched against latest available document and the required users are contacted through e-mail.

C. **Online Catalogue of Library**: By the using computerize library readable catalogue of the library or information center can be made available through internet web.

Inter- Library Loan Service: This service will enable a library to request another library through the network for one or more books on inter library loan basis for meeting the demands of its users. This may also include facility for reserving of book.

D. **Referral Services:** Request for provision of information which cannot be satisfied by a library can be refried to another source where from the information can be gathered in this services the users will be informed about the source to be approaches to get the required information.

E. **Electronic Mail:** e-mail provides facility through which other service like inter library loan required location search in the union catalogue, document delivery, referral service and academic communication can be implemented.

F. **Electronic Bulletin:** It is proposed to provide this facility to display view news, announcement etc.

Conclusion:

In the digital library following point should be according for securing the future of presenting resources in the college library

1. Strategic planning and funding needs for priority for such service.
2. Society must recognize, understand and support the efforts to solve the challenges of digital achieves.
3. Preservation and access must be viewed as having an inseparable relationship.
4. Librarians, Archivist and Information scientists should take a leading role in education society regarding digital preservation.

In Indian scenario the digitalization Programmers are in their initials stages and much needs to be done to prepare a long term strategy to sustain these efforts and preserve the digital resources for future use. There is a need for a proper policy frame work and on technology front there are problem like lack of multiple Indian language OCR facilities, lack of stand etc. This is need to developed and implemented.

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