

Transformation of Librarian to Cybrarian in Institute of Engineering and Technology in Gujarat

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Abstract:-

A previous year ago, all the works of library can do manually, so the users cannot easily find their books. But development of ICT and mobile technology and increase the usage of internet, the library has adopt new form of library. Library has installed the library automation software and other new technology like RF id system, barcode system, and digital and virtual library and build repository. Librarian should aware the digital and automation environment and do work librarian as cybrarian.

Keyword:- Repository, Virtual library, Cybrarian, Library automation, Document delivery, teacher librarian.

(1) Introduction:

In the 19th century, there is less use of the computer and technology in the library and library personnel was not aware with the technology, computer and library automation software. So the librarian can do the manually all the functions of library. But use of the ICT means information communication and technology and internet technology. The libraries have changed the role of information provider instead of books collection house and change the definition of information officer instead of books caretaker. Now librarian is information providers, consultants, curriculum activists, instructional designers, instructional leaders, production specialists and most important, teachers” (Kreiser and Horton, 1992, p. 313). Some agents of change are closely interrelated such as economic, employment, technological, and instructional trends. Economic trends impact employment. Employment trends in turn impact

technology. Employment and technology trends likewise, have a serious impact on education and instruction. The economic trends have brought changes to the role of the teacher-librarian. There are many technological trends that impact the job of the teacher-librarian. The automation of the library, the use of CD-ROM's and the Internet have dramatically changed the role of the teacher-librarian, making their job more demanding. The use of technology has placed increased demand on teacher-librarians' time to teach information technology, to learn new technologies, to troubleshoot, and to learn which Internet resources can assist students and teachers. In the 21st century, library has adopted definition of automation to transformation. Use of the ICT and internet technology, virtual library and digital library concept was born, information collection and preservation and dissemination and transformation of information to library users. Today the researcher seeking the valuable information regarding his research work from e-books and e-resource database and e-journals. Development of web technology and client server technology, it is possible to easy and speedy access. Today the mobile library is use for getting the information at anytime and anywhere.

(2) Function :-

The word, 'Cybrarian', was coined by Michel Bauwens, Information Officer at BP Nutrition in Antwerp, Belgium, to describe the staff in a virtual library. In the context of digital era, the Cybrarian, nothing other than the traditional librarian working in an automated environment surrounded by digital products. Cybrarian is library information science professional who have specialization in the using the ICT and Internet as a resource tool. So, Cybrarian can be described as an information specialist who deals with more of web content in order to reach his targeted user group who directs the constant change implements technology, manages access, educate users and opens up exciting new world to their constituents. In present context, libraries are changing their status as Cyberspace, i.e. information at desktop of the users with the help of ICT and internet technology. Now a day every user like students, research scholars, scientists and others have an enormous need of information, which fulfill not only from library collection but also from database created by different libraries available through

Internet connection e.g. Institutional repository, digital libraries database, individual database and through web search on Internet. Main function of cybrarien as under.

1. Online Public Access Catalog
2. Cataloging
3. Authority Management
4. Serials Management
5. Circulation
6. Reporting : Standard & Custom
7. Z39.50
8. Reservations
9. Acquisitions
10. Build a Repository
11. E-News letter
12. Build local database for access
13. Content Management
14. E-Resource Management

(3) Responsibilities :-

Cybrarian is a next generation web based seamless & fully integrated Library Management software System hosted on a Remote Server. This is based on **Cloud** concept where users have to pay as you use basis. **Cloud** is a new model for delivery of software over internet. It is a shift from packaged software to Cloud. It is possible for development of web technology and client server technology. In the present context, it is development of virtual library. The main responsibilities of cybrarian are to manage and build the database, install the library automation system in proper way. Provide the library automation training to supporting library staff and how to work in digital environment. Prepare the agreement of e-resources supplier and make the content management.

- (1) Monitoring the library automation work and give the instruction to library supporting staff.
- (2) To manage the library database and e-resource and e-journals.
- (3) Provide the seeking information to their users.
- (4) To collect and preservation the information and dissemination to users.

(4) Library Services:

Libraries are built and maintained to provide information resources for a specific and defined community. A public library serves the residents of a specific geographic region. An academic library serves the students and faculties of a parent college or university. Special libraries support to achieve organizational goals by serving the members. Corporate libraries serve the commercial firms. In each case, the library only exists to serve its parent community. Each library performs three basic functions in the process of serving its community, selecting and collecting information, organizing information, and serving users. In the present era, librarian used the ICT as a tool (such as Library Management Software (LMS), Internet, and Telecommunication etc.) to serve its students and researcher's right information at the right time. In internet age, librarian plays the role of cybrarian. The cybrarian provide the seeking information to their users with use of internet, ICT tools and search engine e.g provide the online library service.

- (1) Aware the users about new arrival books and information through email & SMS service.
- (2) Provide the OPAC service through web technology.
- (3) Provide the access of digital resources and CD-ROM Database through digital library.
- (4) To provide the online book reservation service to their users.
- (5) To give the current awareness services.
- (6) To provide the document deliver service through email services.
- (7) To give the access the web-base library services to library users.
- (8) To give the article indexing services.

In 21 century, development of ICT and Mobile technology it is possible to provide the effective online library service to all the students and researchers. Major education institute used present library technology which is available in market.

(6) Conclusion:-

The modern librarians as cybrarians require two main types of competencies professional competencies and personal competencies. Professional competencies to skill and knowledge in the areas of information resources, information access, technology, management and research and the ability to use these areas of knowledge as a basis for providing library and information services. In personal competencies which represent a set of skill, attitudes and values that enable Librarians to work efficiently, be good communicators, demonstrate the value added nature of their service and survive in the new world. Librarians of the virtual environment provide traditional library service and at the same time Integrated Library Management, library automation and management of e-resources also handle by them. Modern librarians are not computer expert but essentials known preliminary information and knowledge on computer, online access and managing e-resources. From this ground librarian of digital world renamed as 'cybrarian'. Now libraries are without wall, known as virtual libraries and librarian treated as 'cybrarian' which is future status of the modern librarian.

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