

Role of ICT in Library: A review report in present era

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Abstract:

This paper highlights the concept of Information Communication Technology (ICT), Aims of ICT in library, Advantages of ICT to library, Role of Librarian In ICT Environment, Impact of ICT on Library. The basic aim of this paper is that at end of this paper on should know impact of ICT on the work environment in libraries, realize the impact of ICT on information formats, access and delivery and recognize ICT as tools that librarians can and must use to meet the information requirements of users.

I. Introduction:

Information Communication Technology (ICT) is the combination of science and technology and practice of transmitting information. In a specific sense, ICT means communication of information through technology, in which information is transmitted through electronic gadgets and signals. In this process, the information or message such as spoken words, photographs, livesens and sounds is first converted into signals and then transmitted through electronic links. The processing of ICT involves sending, receiving and processing information in electronic form. ICT permeates the library environment, it underpins the success of modern era, and it provide college with efficient infrastructure libraries must be able to benefit from technological development. To be able to do so, librarians have to be educated with hand with ICT background, ICT development lead to change in library work. ICT plays an important role as a link between users and librarian. ICT contributes to sustainable growth of library and their role in the shift towards knowledge based societies. Deshmukh, Vijay. M (2010, pp 26-27) and Kaula, P.N. (1997,pp. 1-5)

What are ICT ?Information CommunicationTechnology

ICT are the hardware and software that enable society to create, collect, consolidate and communicate information in multimedia formats and for various purposes.

Aims of ICT in Library :

The main purpose of ICT in library means implementing of ICT equipments and tools in information provide process as a media and methodology. The purpose of ICT in library is generally to familiarize users with the use and working of computers and other electronic medium. Today library using the term ICT to indicate their specializations in the process of information seeking. Due to the application of ICT in library, users are taught to use different information based software and how ICT can be used to solve problems regarding information. It is also a help to users to collect the data in short period of time. Also library use ICT to enhance qualities and quantity of information. Deshmukh, Vijay. M. (2010, pp. 26-27).

Advantages of ICT to Library :

- 1] ICT has provided new media, new modes of storing and communicating information.
- 2] ICT brought many services to library to speed up their activities.
- 3] It helps to remove barrier of communication, distance and time. The advances in technology will continue to improve the effectiveness of libraries. Help to transfer data to communication network like internet any where. It provides enormous search speed and facilities. It helps to strengthen communication and collaboration among research, government and educational institutions.
- 4] The world wide librarians made their catalogues available online which have online public catalogues (OPAC) generally available free of cost these are useful for finding books not available locally to identify and select books for local acquisition, bibliography data verification and to search holding of periodical and monographs. These can be access through telenet, gopher, and the world wide web.
- 5] The available information present in the libraries can be fed to home page and made available to users anywhere. Jain, P.B. (2010, pp. 28- 29)

Role of Librarian in ICT Environment :

In the changed scenario under the influence of ICT the duties of the librarian have been changed. The librarian is going to work as information broker, navigator, market negotiator and information technology

expert for example the services the librarian going to offer in the future shall compel them new methods of classifying and cataloging internet resources search engine, which specialize the certain subject areas only and interlink each bit of information which has relevance to any thing else in the universe of knowledge. Now librarian should possess the following skill in the changed scenario since the librarian is going to be a highly skilled professional, whose total commitment is to be as a processor and disseminator of information to the user. There is a need to acquire soft skills that helps the librarian to deal effectively with their clientele; some of the soft skills are enumerated below in brief.

1] **Communication Skills :-** The librarian should be able to achieve both verbal and written communication skills.

2] **Adaptation Skills :-** Librarian should be ready to adopt new techniques and technologies on current trends.

3] **Management skills :-** Besides the traditional management skills, the librarian must achieve the special management skill as per the ICT.

4] **Marketing skills :-** The librarian must be able to promote his products and services hence, marketing skills which is essential for marketing of library services.

5] **Update of Knowledge :-** Librarian should update their knowledge to provide better services to the users. Jain, P.B. (2010, pp. 29-30).

Impact of ICT on Library

Information communication technology has affected and impacted the library services in many ways.

Collection Development : ICT has made it possible to acquire information sources such as books, journals, newspaper, etc. easily and speedily. Most of publishers have their websites on the internet and their websites on the internet and their catalogues can be searched from the library for new publications. Librarian can place their order online and clarify doubts if any through e-mail easily. Some of the reputed publishers also provide online access to their publication.

Circulation :

Due to new technology user can check his documents easily. If the documents are available, the same can be issued to users. If not available then it may be reserved. The document can be issued electronically by making use of barcode strips pasted externally on the documents.

Reference and Information Services :

Reference section is backbone of any library. A well organized library will always provide reference service with prompt and accuracy. Large number of primary and secondary information sources are also available on the internet, which can be used in providing information to the users.

Resource sharing :- Due to increasing cost of the documents and non- availability of enough funds, libraries are unable to provide each and every material to its users. But due to ICT library solved this problem. The user himself / herself can search the OPAC of other libraries or he / she may ask the librarian to provide the desired document. Once he / she is able to search it, he / she can request that library to give the document on inter-library loan.

E-Journals :- Because of modern technology library can provide recent information within a short period of time as it is easier to update the issue of a journal on the internet as soon as it is published.

Periodical Control :- Electronic mail is becoming most useful way of communication. This service can be used to send and receive messages easily and speedily.

Other Services :- A modern library provides internet and CD-ROM facilities and document supply, CAS, SDI services, telecommunication technologies, telephone, video text, facsimile or fax, library networks, online retrieval services etc.

In short information communication technology will help to remove barrier of distance, time and drudgery of repeated manual efforts in library routines. The advancement in technology will continue to improve upon the effectiveness of the libraries and is indispensable for handling message between libraries and library users.

Tekale, Veer & Rathod (2010, pp. 134- 135).

II. Conclusion:

Information communication technology is not only a technology but also it manages with the library objectives with the adoption of ICT, libraries can face the new and modern information techniques. ICT has greatly affected the information environment. Librarians must have the knowledge, skills and tools in handling digital information and that will be the key success factor in enabling the library to perform its role as an information support system for society.

REFERENCES

- [1]. Deshmukh, Vijay. M, 2010 'ICT and College Library, Role of College Librarian in the information Network Era proceedings. UGC sponsored state level conference, Nagpur : V.M.V. Commerce, J.M.T. Arts & J.J.P. Science College, 6th September, pp 26-27.
- [2]. Jain, P.B., 2010. 'ICT & Its Impact on Academic Libraries, Role of College Librarian in the information Network Era proceedings. UGC sponsored state level conference, Nagpur : V.M.V. Commerce, J.M.T. Arts & J.J.P. Science College, 6th September, pp 28-30.
- [3]. Kaula P.N. 1997. 'Information and Communication Technology Impact and Challenges', University News, Vol. 35 No. 35, pp. 1-5.
- [4]. Tekale K.U., Veer D.K., Rathod S.N., 2010. 'Impact of informationcommunication and technology on library and library services. Academic Libraries on New Horizons Conference Papers Seventh State level Conference of Library and Information Science Study Circle,Amravati, 2-3 January, pp. 133-136.