

## IMPACT OF IT REVOLUTION ON LIBRARY SCIENCE

*Jayant Deshpande*

*Librarian, Indian Institute of Carpet Technology, Bhadohi, Uttar Pradesh, India*

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### **ABSTRACT**

*The rudimental aim of this paper to show that in the present age of information age. Every human being would relish getting any piece of information as expeditiously as possible, for that we should acclimate with the latest technology & provide the information without wasting time. In this paper, we have done a comparative study of the information age and library science, and discussed the impact of the information technology revolution in library science. In this context, we forward to look professionals and managers of organizations how to achieve the goal in the current scenario. This paper outlines and discusses the professional skills and compulsory technological skills needed for library science professionals and managers.*

**KEYWORDS:** *Information, Communicate, Impact, Retrieval, Insufficient*

### **INTRODUCTION**

Today is an information age. Information plays a very important role to the society. Every human being needs information to know what is happening around the nation, one and the world. To build a strong nation, one must have powerful information system through which all the information is made available for people of the country. To make policies, decisions for the benefit of society, we need primary information which can be obtained easily if we have a strong information system. Developed countries like USA, Europe have a very powerful information system through which they are known as developing countries. Information is asked pin pointedly nowadays. Therefore, it must be available at different forms. It is being said that information is a product or commodity which is available in various forms like print, electronic and digital.

An early age, users used to visit libraries and information centers for their information needs, because they knew it was available in print form only. People were not able to purchase every book therefore; they would go to the libraries and information centers to get they're seeking information. Information generation consumes lot of time, money and energy so it is essential to communicate the newly generated information on time. Information has no value if it does not communicate to the users after its generation. It is said that information can be useful to the users if it reaches to them on time.

### **IT Revolution**

Revolution of information and communication technology (ICT) and the proliferation of internet technology has opened new sources of acquiring knowledge. Information Technology has become the chief determinant for the progress of any nation; it is breaking all geographical barriers and building new linkages through sharing information and exchange,

encompassing the entire gamut of human activities and knowledge. With the emergence of the Internet, global connectivity of computers has become a reality. Internet, E-mail and WWW have emerged as the core and foundation of the information infrastructure. Revolution of Information Technology is not only made it possible to store information in huge quantity, but also communicate it in no time. Due to rapid growth in Information Technology sector, Hardware and software are being made available in chip cost to the customers who enable the libraries and information centers to digital their resources.

### **Impact of IT Revolution on Library Science**

All the libraries are facing challenges throughout the world to keep them alive in an information technology environment, therefore, automation of libraries and information centers have become essential for the efficient managing the acquisition of the increasing number of information resources like print and electronic as well as the increasing number of users who are making a variety of demands for information. In essence, the capacity to store a large volume of information in a cost-effective manner coupled with accuracy and consistency in processing and efficiency in retrieval of desired information, have made the computer essential tool for library and information management today.

### **Challenge for Library Professionals**

Change is always for betterment. One should adopt the changes to keep oneself in the hunt. As we know, emergence of information and communication technology has forced librarians or information professionals to equip themselves with the latest technology. Librarian and information professional should take this as a challenge and should be ready to accept the new technology faster. Users or information seekers are much focused nowadays. They come to the library for specific information or they want their required information at his workplace or home.

It can be possible only when all the libraries and information centers are made available their all reading materials in electronic forms.

To give good information service, it is very important for the librarians and information professionals to keep themselves more acquainted with all the online sources. Various electronic resources such as e-books, e-journals, online databases, educational CDs etc. are also widely available on the internet. Various web pages or web sites are being made available also on the internet. Lack of knowledge of using these websites or insufficient awareness of available sources on the internet are the major bottleneck therefore librarians should be very much known about the information tools and pool. It is very essential for the librarians to keep themselves busy in locating and searching their relevant websites or web pages to make them aware of the available web sites for their use. Searching a web page or site is like a long rang reference service which consume a lot of time and energy so that all the findings should be kept safely and provide when it is required.

### **CONCLUSIONS**

Emergence of Information and Community Technology has changed our society enormously. Each and every field has not been untouched by influence of information and communication technology. Library and information science is also not far behind, therefore it is very important for the library and information professionals to transform themselves in the new Information era and grab the opportunities with the both hands to keep themselves abreast with the latest development taking place in library and information field. We are going to conclude my article with this quote:

**“Excellence is a personal commitment. Excellence happens when high purpose and intense pragmatism meet. Doing**

better than average takes tenacious preparation – Excellence is a high cost item. The price of excellence is time, energy, attention and focus”. Tom Peters and Nancy Austin

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