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**ROLE OF INFORMATION COMMUNICATION TECHNOLOGY  
IN LIBRARY SERVICES**



**Ramesh B. Pimple**

Research Student,

Dr. Babasaheb Ambedkar Marathwada

University, Aurangabad MS

**ABSTRACT**

Information is the key factor in any kind of research and development. The Information itself and it is accessed have undergone changes owing to the development in information communication technology (ICT) used as a powerful tool for providing library services. E-journals, CD-Rom, databases, online databases, e-books, web-based resources. This paper highlight role of ICT in Library services.

**KEYWORD**

information communication technology, ICT based library services.

## RESEARCH PAPER

### **Introduction :**

Information and communication technology (ICT) is a comprehensive concept and parallel concept with information technology (IT) that denotes not only a single unit of technology but an assemble of technologies like telecommunication, equipments, data processing, equipments, etc. Libraries and information centers have been employing ICT and electronic information resources and services to satisfy the diverse information needs of their users, E-journals, CD-Rom databases, e-books, web-based, resources, and variety of other electronic, media are fast replacing the traditional resources of libraries.

Today's digital revaluation mainly depends on internet and we technologies with electronics journal as their major content. The ability of computers to store and process vast amount of information coupled with the ability of communication technology to transmit this information from one location to another has revolutionized storage, retrieval and dissemination of information in libraries. The value of ICT - based resources and services are that it can be easily shared, distributed, updated, manipulated and rapidly searched.

### **Meaning of information communication technology :**

The advancement of science and technology has made tremendous improvement and change almost in all fields of life. Especially the magnetic word Information and communication and technology have been changed in all carries of global arena. The services rendered with the help of ICT are faster and more effective. ICT is an important catalyst for social transformation and national progress. As already mentioned, that libraries which, were earlier, considered as store houses have got a new outlook in the modern information communication technology era.

### **Definitions of ICT :**

Low MC Ailey defined information and communication Technology as, "The skill and abilities that will enable the use of computer end related information technology to meet personal education and market goals, The technology used to communicated, to create disseminate, store and manage information the ICT technology includes computers, the internet broad casting, technology cardio, television and telephone.

### **Application of information communications in libraries :**

Libraries which were considered only as the storehouse of knowledge have got a new outlook in the modern information communication technology era. The activities which were carried out manually in libraries with so much of pain and strain are being carried out smoothly with the help of information communication technology with greater effectiveness. Library organization, administration and other technical processing have become easier and more quantum of work can be done in relaxed mood.

### **Need of ICT in Libraries :**

According to Arora the following are some essential applications of ICT in libraries .

- ICT facilities wider access to information for the users.
- ICT increase productivity of library staff it relieves staff from routine work.
- ICT improves quality of reader services rendered by library.
- ICT handle effectively and efficiently a huge quantum of information.
- ICT enables improve the management of physical and financial resources.

### **ICT based Services :**

- ICT assist provide high quality service and increase the range of services.
- ICT save time, space and resources.
- ICT provide efficient and accurate service
- Free abstract service
- OPAC
- Digital Reference service
- Free online service

### **Conclusion :**

ICT provide information and knowledge in form of e-resources beyond the wall library. Electronic information service is attracting readers attention in today. In the digital era internet, e-journals, e-books and data bases bring the challenges before the library professional to access. Scholarly information skilled manpower with ICT trained will be the main pillars in the present electronic library services need of the day.

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