



ORIGINAL RESEARCH PAPER

Arts

A RESEARCH PAPER ON ROLE OF ICT IN LIBRARY SERVICES OF COLLEGE LIBRARIES OF AHMEDABAD

KEY WORDS:
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ABSTRACT

In 21st Century Information Communications Technologies (ICT) that facilitate society to create, collect, Retrieve, consolidate, communicate, manage and process information in multimedia and various digital formats for different purposes of users i.e. computing and telecommunications technologies like that Laptop, PC, CD-ROM, cable TV, cellular phones and the Developments in ICT have brought about the merger of the information, communications, entertainment, and mass media Libraries providing a means of exchanging information to the users anytime, anywhere in the digital format used by computers to the any users. This technological convergence has brought about an enormous impact on the way we live, work, think and play. These types of changes are quite prevalent in our everyday lives such as the use of e-mail and cellular phones at home and also linked to all facets of the society like that business, education, recreation, transportation, communication, scientific exploration, knowledge management.

IMPACT OF ICT ON THE LIBRARY & INFORMATION CENTERS:

Impact of the ICT on the Library and Information are mentioned below;

- It is made information creation in digital format possible for the Library.
- It is made online access and file transfer possible for the Library.
- It is made networking and sharing of information resources possible for the Library.

IMPACT OF E-INFORMATION MATERIALS ON LIBRARIES:

Impacts of Digital Information Materials on Libraries are as below;

- There is no need for users with PCs attached to the network to physically present in the Library.
- They can access information via their PCs through Internet.
- Digital information can be cut or copied and pasted from one document into another
- Digital information may be free/cheaper than print equivalents
- Digital information often modifies the roles of Librarians in various ways

EFFECTS OF ICT DEVELOPMENTS ON THE USER COMMUNITY:

There are effects of ICT development on the user community are as under;

- Increases the level of technology literacy of the people
- Increases information demand for better and faster access for the users
- Aggravates discrepancies are between the information rich and information poor.

ROLES OF LIBRARIAN IN AN INFORMATION SOCIETY:

The roles of librarian in an information society are as under;

- As a Creators: developers and producers of information products and services
- As a Collectors: librarians, archivists and records managers
- As a Communicators: information specialists, extension workers, subject specialists
- As a Consolidators: reference librarian, information broker, analysts
- Accept data through input devices in the Library
- Process data using microprocessors for the users in the Library
- Store data for interactive use in RAM and for longer periods of storage in ROM and hard disks in the Library
- Output data through output devices for the Library user's services.

CURRENT TRENDS OF ICT IN THE LIBRARY:

- Globalization – available around the globe
- Universalization – expanding applications for the User
- Familiarization-especially for the young
- Popularization – discussed by everyone everywhere
- Enhanced capabilities
- Reduced real costs

CURRENT ISSUES OF ICT IN THE LIBRARY:

- Legal and regulatory
- Intellectual property rights
- Information access and dissemination
- Information privacy
- Censorship
- Reading e-mail
- Sending e-mail
- Moral and ethical
- Pornography
- Censorship
- Copyright infringement
- Plagiarism
- Political
- National sovereignty
- Governmental control of information
- Trans-border data flow
- Social
- ICT literacy
- Impact on communication and social interaction
- Impact on reading
- Information rich and information poor
- Cultural impact
- Economic
- Charging for information
- Private versus public sector roles in information systems and services
- Technological

Language and Script

- Language distribution & language dominance
- Script multiplicity
- Cultural issues in design
- Security
- Computer crimes and hackers
- It is system of safeguards against deliberate or accidental damage to the system or data
- Confidentiality
- ICT and Libraries
- Print versus electronic information
- Organizational issues
- Staff and training issues
- Virtual libraries

STATEMENT OF THE PROBLEM:

The studies conducted so far ,focus on the available library services in college libraries, Ahmedabad and comprehensive study was undertaken to critically evaluate the ICT skills of the librarians in the College Library.

The problem taken for the study is “A research paper on Role of ICT in Library Service of College Libraries of Ahmedabad”

OBJECTIVE OF THE STUDY:

The study proposes to focuses:

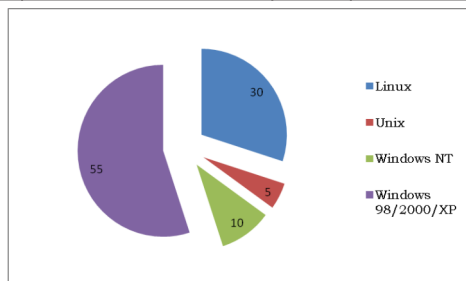
- To assess the current Information and Communication Technology Infrastructure in some selected College libraries in Ahmedabad.
- To evaluate the use of ICT in some selected College libraries in Ahmedabad.
- To compare the ICT status among the some selected College libraries in Ahmedabad.

ANALYSIS AND INTERPRETATION OF COLLECTED DATA:

The Analysis of collected data from the small questionnaires is presented in this research article. The data elements gathered are grouped into different types of element such as impact of ICT on library services, use of ICT in library, Use of Library management software.

1. Use of Operating System in the Selected College Libraries of Ahmedabad**Table-1- Use of Operating system**

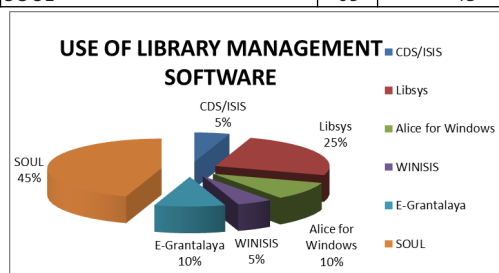
No.	Operating System	N=20	Percentage (%)
1	Linux	06	30
2	Unix	01	05
3	Windows NT	02	10
4	Windows 98/2000/XP	11	55

**Chart-1- Use of Operating System**

From the collected data here author interpretive after that analysis shown in above table and chart. From the above figure author says that the use of operating system in college library are very high and for the use of OS in library is windows 98 or XP is used very high 55% compare to other OS. We can see the table and chart also.

2. Use of Library Management Software:**Table- 2- Use of Library Management Software**

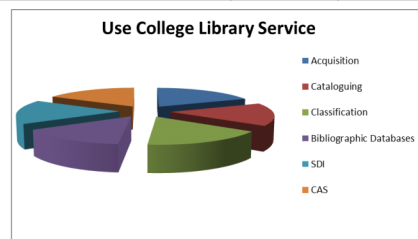
No	Library Management Software	N=20	Percentage (%)
1	CDS/ISIS	01	05
2	Libsys	05	25
3	Alice for Windows	02	10
4	WINISIS	01	05
5	E-Granthalaya	02	10
6	SOUL	09	45

**Chart-2- Use of Library Management Software**

The Table -2 and chart-2 shows that in the college libraries are used SOUL software for their Library management. While very few libraries are used Winisis 5%.

3. Use of Internet for College Library Services:**Table-3-Use of Internet for Library Services**

No	College Library Services	N=20	Percentage (%)
1	Acquisition	20	100
2	Cataloguing	17	85
3	Classification	18	90
4	Bibliographic Databases	16	80
5	SDI	18	90
6	CAS	18	90

**Chart-3- Use of Internet for Library Services**

The Above table-3 and chart-3 shows that in these electronic environment libraries also used ICT application in their daily works and gives important and immediately services to their users.

FINDINGS & SUGGESTIONS:

The following findings and suggestion's appear to be appropriate for the development of ICT environment in the college libraries of Ahmedabad.

- Sufficient computer should be provided in college libraries.
- Arrange Frequent Conference, Seminar & Workshop on latest technology should be organized.
- Maximum SOUL software used by librarian and for use of other software in college libraries should be arrange small workshop for other library management software & utilize ICT properly.
- The authority should be pay proper attention to develop ICT infrastructure in the college Libraries..

CONCLUSION:

The above survey study reveals that, the impact of ICT in college libraries of Ahmedabad is little bit satisfactory Most of the libraries are not following a systematic plan in using ICT. It requires an imaginative, intelligent planning and huge investment of fund including the skilled human resources. The college libraries of Ahmedabad have been trying their level best to elevate their services to the height and they show that zeal to give proper shape to their work. So that, we can expect that within short period of time college libraries will reached up-to-the mark. In this electronic environment Libraries and librarians must cope with the demands of an ICT, maximum utilization of ICT for the users. The Librarians must have the knowledge, skills and tools in handling digital information to be efficient great creators, collectors, consolidators and communicators of information. The advanced Technology alone is not the solution to efficient and effective information delivery. The ICT are powerful tools that can only be used effectively if the users or librarians have acquired adequate knowledge and skills and ascertain level of competency according to their needs

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