

Impacts of Responses of the Users' and Librarians' Perception in Library Automation in the Development of the Libraries

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Abstract-The advancement of ICT technology has made a tremendous improvement in the lifestyle of the society today. It has affected almost all walks of life. Libraries are not exempted from the impact of the Information Communication Technology. The services rendered with the help of Information Communication Technology (ICT) are faster and more effective. The implementations of ICT in the library and Information Centers have made a tremendous improvement in the management of these centers. These papers have carried out in the three different Libraries of Kota city, where the ICT is implemented in the management and other facilities (Housekeeping working operation) in the libraries. Out to find the potentiality of LMS (software) in managing the print and non print resources and to find the responses of the users' and libraries perception towards the benefits of this ICT technology.

1. INTRODUCTION

The computer has gained importance in every field of human activity because its, Speed, Automation" is important and necessary to handle the vast amount of information infract, Storage, Versatility, and Automation. Today, Library automation reduces the drudgery of repeated manual efforts in library routines by use of library automation collection, storage, administration, processing, preservation, communication, etc. Due to the growing demands of the librarians and users of financial resources, the library cannot able to maintain all the reading materials on demand the only way to overcome these problems is by sharing resources through, and the Internet.

2. INFORMATION

What is the "Information?"

Communicate of news, knowledge, or facts. Its main function is to present facts so that man's vision is

broadened, thereby enabling him to fight against the problems posed by ignorance and superstition.

According to Blumenthal "Information is data record, organized, related or interpreted within context to convey meaning". Therefore recently the information has been recognized as a valuable commodity, and the time may not be far off when information will function as a currency to be exchanged for goods and services all — over the world. It is therefore imperative that everybody realize the importance of information and have easy access to it.

3. WHAT MEANING OF COMMUNICATION

This word is communication has originated from Latin root communication meaning is common.

"The imparting, conveying, or exchange of ideas, knowledge, information etc. (whether by speech, writing,)." Thus communication can mean, "That which communicated, or in which facts are communicated; a piece of information; a written paper containing observations." "a document or message imparting news, views, information etc." Therefore communication is a process of imparting information to the need of the common masses for development of self and society.

4. TERM OF TECHNOLOGY

This word/ term are "Technology" is derived from the "Greek root Tecnologia" which basic means is treatment and Tech meaning art or craft. Today technology has totally changed the way of life and life style. Today we cannot live without the help of technological assistance in our around us.

According to Webster Encyclopedic Unabridged Dictionary of the English Dictionary defines technology as:

“The branch of knowledge that deals with the creation and use of technical means and their interrelation with life, or society, and the environment, drawing upon such subjects as industrial arts, engineering, applied science, and pure science.”

5. SCOPE AND OBJECTIVES OF STUDY

The scope of this study is limited to the implementation of Impacts of ICT in Library Automation in the Development of the libraries, (Information, Communication, and Technology) in the three libraries of Kota city Rajasthan. The study is intended to be carried over the potential implementation of the ICT in library housekeeping operation, ICT Facilities and its impact upon its users and librarians. This study is also intended to evaluate the users' and librarians response towards the effective implementation of Information Technology in the libraries.

1. Academic college in the Library in Kota city, Rajasthan.
2. Professional college in the Library study in Kota city, Rajasthan.
3. Government college in the library study in Kota city, Rajasthan.

6. LIMITATIONS

There are two limits for conducting this studies, Time and Area limit. Area of study has been restricted to Kota city. We will not study all the libraries but only the three libraries of the Kota city.

7. METHODOLOGY

The study to be conducted will be a survey type thus the best tool for a survey Research is mainly Questionnaire. Therefore, data will be collected through a questionnaire. This is a study on the Impacts of ICT facilities in Library Automation in the Development of the libraries selected libraries of Kota city. This will also study the development of the libraries at the of Kota city, computer and Information Communication Technology and information services.

8. ADVANTAGES OF LIBRARY AUTOMATION

- It reduces the librarians and library staff workload and increases the efficiency of the libraries.

- It encompasses the process of replacing traditional, paper-based systems with computers and software.
- It makes information more available and accessible in an easier manner.

9. DATA ANALYSIS

Data collection for the study of the effective implementation of Information, Communication, and Technology in the three libraries of Kota city was carried out personally by the users and librarians. It was done in a span of one week duration. Along with the questionnaire the users was personally in conversation with the users to find out the usefulness the Impacts of ICT facilities in Library Automation in the Development of the libraries in the library automation.

10. INFORMATION REALATED TO LIBRARY NETWORKING

This has LAN based network, connected to ten computers in different division and sections. It has ten server, ten scanner, ten printers and ten photocopy machines, ten UPS, The library also provides the CD-ROM search services. The numbers of CD-ROM workstations are two and it has totaled sixteen CD-ROM drives. The libraries have provided online search services to for users. This has LAN based network, connected to five computers in different sections. This LMS software are provide cataloguing, acquisitions, circulations, control serial and other automated work and maintains in the library record. The online search provides the following services:

- OPAC
- Online facility
- CD-ROM Search
- Journal Search
- Internet Facility

11. OPERATING SYSTEM

Many libraries use Windows 95/98 on its server. Although Windows 95/98 has some networking ability, it is not really a network management system and lacks the advanced functions found in systems like UNIX and Windows NT. Mostly; library services cannot afford to employ skilled IT staff, and therefore

cannot even use free open-source UNIX systems like Linux. Microsoft Windows, especially Windows 95/98, is the most common operating System installed on PCs and laptops. The wide use of Microsoft Windows operating systems is due mainly to the fact that it is bundled with new Intel-based PCs, which was not the case in the past when it was necessary to purchase the operating system separately. The large number of machines with Windows 95/98 can be attributed to the fact that most of these machines were purchased in the 1990s when it was the most commonly pre-installed operating system on PCs. Nowadays, new computers purchased are more likely to have Windows XP as the pre-installed operating system.

12. MANAGEMENT STUDIES

The Management Studies is located in Kota city. It has only 100 users' studying in streams and three librarians in (professional and non-professional librarians) the

libraries of Kota city. The academic, professional library of Kota city is the academic college, professional college, Government College, center for learning, with excellence in the field of education. Kota city offers a variety of exclusive facilities that have established it as a center of excellence for education in Management, Computer. LAN, WAN and Wi-Fi network to provide various IT services to its users in the campus.

1. DISTRIBUTION OF USERS IN THE THREE LIBRARIES USERS THE STUDIES

S No.	NAME OF COLLEGE	No. OF USERS
1	Academic college	30
2	Professional college	30
3	Government college	40

When we analyze the above table, the Kota city of users in the three libraries under study in the libraries. Studies has the maximum users the government Library.

2. DISTRIBUTION OF STAFF IN THE LIBRARIES

S No.	NAME OF COLLEGE	PROFESSIONAL	NON-PROFESSIONAL
1	Academic college	1	1
2	Professional college	1	1
3	Government college	1	1

Three, libraries staffs are found in the libraries under study. The Academic college, Professional college, Government college are having the maximum number of library professionals. Library too is having of a professional and other non professional staffs and is also having of staff as per their requirement. Some of them have attained higher degrees in the library and information Arts, Science. An equal opportunity is provided to both male and female staff library.

3. DISTRIBUTION OF STAFF IN THE NETWORKING

NAME OF COLLEGE	NETWORK	YES /NO
Academic college	LAN	YES
Professional college	LAN	YES
Government college	LAN	YES

The Academic college, Professional college, Government college are having the maximum LAN Networking is available in the library. This has LAN based network, connected to five computers in different sections.

4. USED THE SOFTWARE IN THE LIBRARY

NAME OF COLLEGE	SOFTWARE	YES/ NO
Academic college	LMS	YES
Professional college	ERP	YES
Government college	LMS	YES

The Academic college, Professional college, Government college are used the software Two colleges are working in the LMS Software, and one college is working in ERP software in the library.

5. DISTRIBUTION OF ICT FACILITIES IN LIBRARIES

NAME OF THE COLLEGES	UPS	Photocopy	Audio/ Visual	CD-ROM	WEB CAMERA	SERVER	BARCODE READERS	PRINT ER	HEAD PHONE
Academic college	YES	YES	No	YES	YES	YES	YES	YES	NO
Professional college	YES	YES	No	YES	YES	YES	YES	YES	YES
Government college	YES	YES	YES	YES	YES	YES	YES	YES	NO

When we analyze the above table, it is evident that the services of photocopy, instruction of using library, UPS, Photo machine, Audio/Visual, CD-ROM, web camera, server, barcode reader, printer and head phone by four libraries under study. Two libraries have no record the services of audio/Visual the materials, whereas two have no record of any head phone materials.

6. DISTRIBUTION OF TEXT BOOKS AND OTHER PRINT RESOURCES

NAME OF COLLEGE	TEXT BOOK	REFERENCE BOOK	PRINT JOURNAL	PRINT NEWSPAPER	NO. OF COMPUTER
Academic college	1,50,000	50,000	5	3	5
Professional college	2,00000	1,00000	5	3	5
Government college	2,00000	1,10,000	2	3	6

The comparative studies of the above table are different types of collection in the libraries. It has over 1,50,0000 books, in Academic College, 2, 00000 text books in professional college, 2, 00000 text books in Government College including general and reference books in the libraries. The libraries have currently 12 subscribed print journals. It has libraries 8 newspapers and 16 computers in the libraries.

7. DISTRIBUTION OF E-RESOURCES

NAME OF COLLEGE	E-JOURNAL	E-NEWSPAPER	E-BOOK
Academic college	YES	YES	YES
Professional college	YES	YES	YES
Government college	YES	YES	YES

Libraries are offering the e-service and all libraries are providing the e-resources services.

8. LIBRARY AUTOMATION AND COMPUTERIZED SERVICES (HOUSE KEEPING OPERATION)

NAME OF COLLEGE	ACQUISITION	CATALOGUING	SERIAL CONTROL	CIRCULATION	OPAC
Academic college	YES	YES	YES	YES	YES
Professional college	YES	YES	YES	YES	YES
Government college	YES	YES	YES	YES	YES

Management software to manage the house keeping operation.

Acquisition, Circulation, Serials- Control, OPAC. The library began to use Library Management Software from libraries. Housekeeping operations have been started in all the three libraries. Housekeeping working has been started in all the three libraries.

computerization (Housekeeping operation) and use of software and with properly networking we are able to provide libraries oriented all types’ information. Government and private Administration has utilized the ICT as tool to solve their problems and collect information much faster and imposes taxes system efficiently and also to store information to use it in many different manners.

9. CONCLUSION

Information Technology has provided technological solutions, like developments in information, communication. A started bringing change in life style of every individual, Information Communication Technology is most power full tools to disseminate information to users in efficient manner and in faster speed. Library management software and other types of software in teaching and learning have made things to learn much easier and clear. The tools such as

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