

Use of Information Communication Technology in Special Libraries of Bhopal: An Analytical Study

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***Abstract** – This paper highlights the survey of conducted in special libraries functioning in the Bhopal, to find out the adaptation of information communication technology of special libraries in Bhopal, Researcher find out uses of ICT in special libraries through survey method using structured questionnaire. In this study are includes uses of computer hardware, library software packages (for automation) and ICT applications.*

***Key Words:** Survey, ICT, Library etc.*

INTRODUCTION

According to United Nations Development programme (UNDP) definition “ICT are basically information handling tools, a varied set of goods, applications and services that are used to produce, store, process, distributed and exchange information. They include the ‘old’ ICT of radio, television and telephone and the ‘new’ ICT of computers, satellite and wireless technologies and the Internet”

The fast developments in Information Communication Technologies (ICT) in this era had made tremendous changes in information handling capabilities of libraries and special libraries. ICT is used in converting the existing paper / print record into machine readable format for storage, retrieval and dissemination. It helps in free flow of information exchange among National & International users. The use of ICT has brought about tremendous changes in special library activities e.g. the form of library collection development, consortia & strategies in library building. In special

libraries, ICT play an important role in providing value-added information services and access to the wide variety of digital-based information resources to their users.

OBJECTIVES

- (a) To find out the status of use ICT in special libraries in Bhopal

METHODOLOGY

The methodology used for the present study is survey method. The questionnaire consists of both open ended and close-ended questions and arranged according to the various aspects of investigation including number of computer units, nature of computerization, software etc. The addresses of different special libraries were collected through formal and informal sources. A shot structured questionnaire was sent to each special library to ascertain whether these libraries have computers. The questionnaire circulated to 15 special libraries of Bhopal.

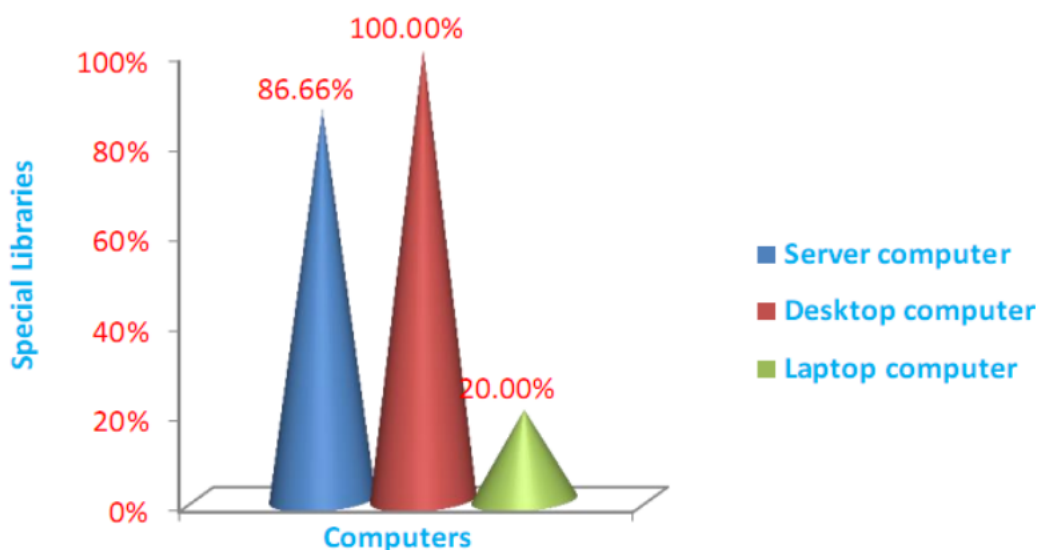
SCOPE OF STUDY

The data collected from the 15 (Central and State Government) special libraries namely AMPRI, CIAE, CRISP, IIFM, IGRMS,

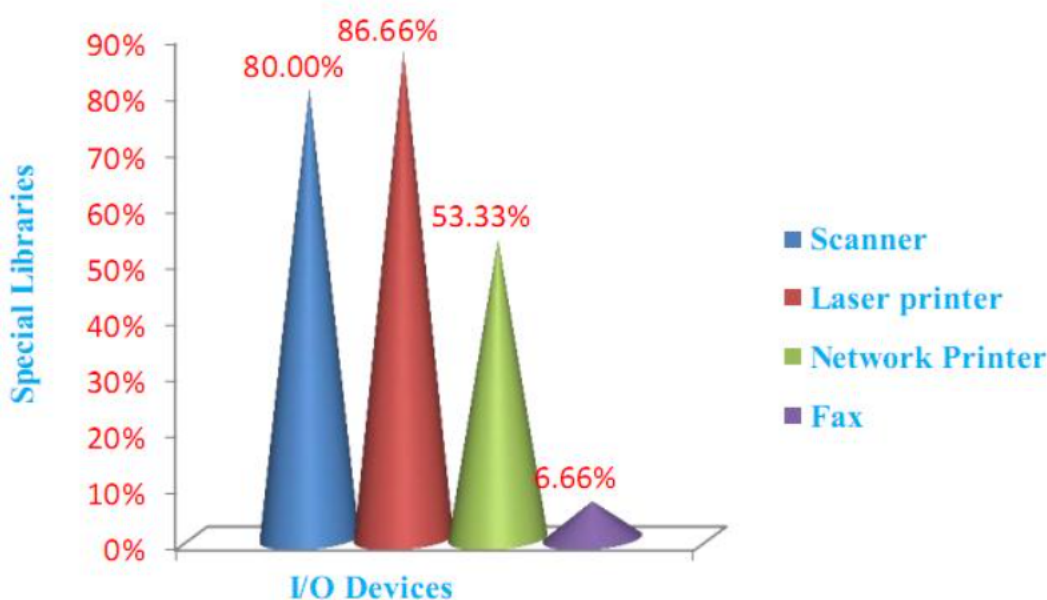
IISS, MANIT, NLIU, NIFT, NITTTR, RIE, DMI, EPCO, MPCST and RCVPNAA have been able to computerize their house-keeping activities and other services.

DATA INTERPRETATION AND ANALYSIS

Use of Computers



Use of I/O Devices

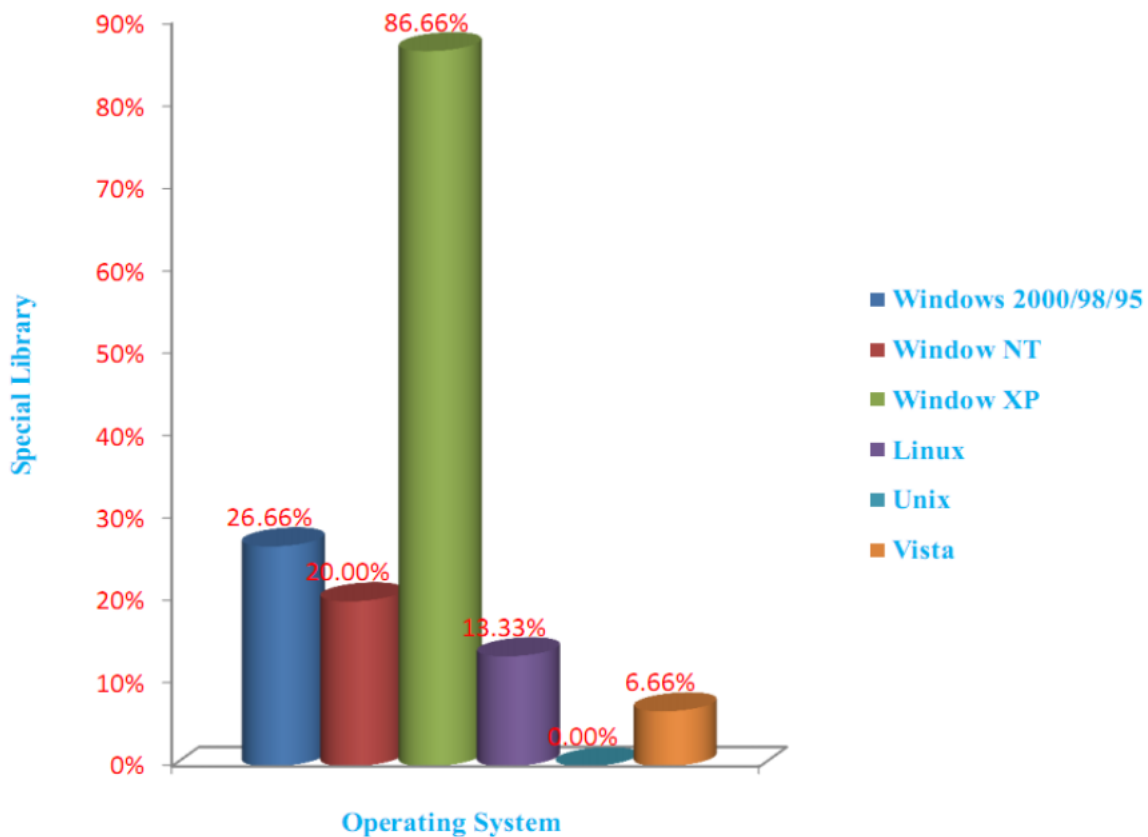


This table showed that the status of use of Information & communication technology like computer hardware (Input / Output devices) in special libraries of Bhopal. The data showed that Server computer 13(86.66%), desktop computer 15(100%) and laptop computer 3(20%). Only 3(20%)

special libraries are using all type of computers.

Input devices, scanner 12(80%), laser printer 13(86.66%), network printer 08(53.33%) and Fax 1(6.66%). Only 1(6.66%) special libraries are using all types or I/O devices.

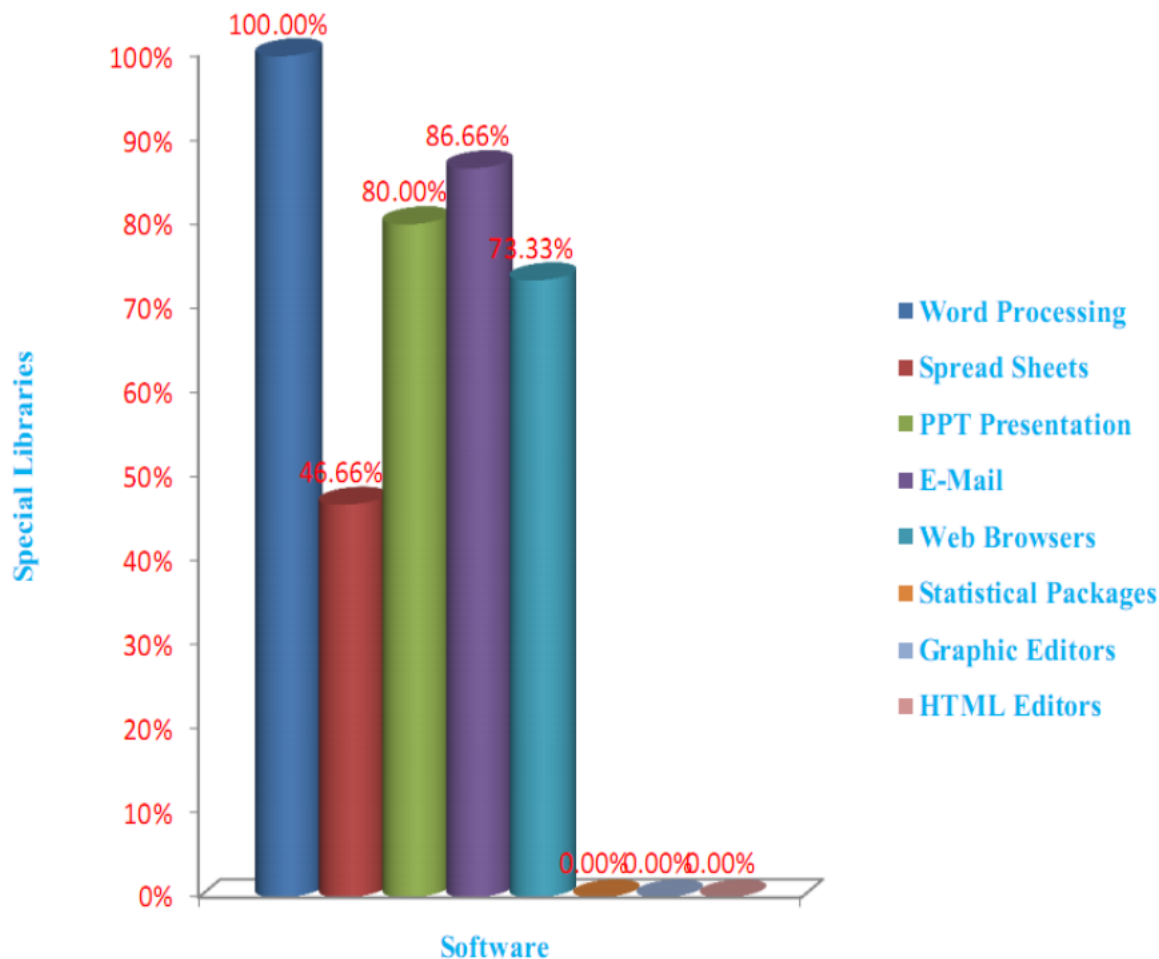
Use of Operating System



In this table the status of use of operating system by special libraries of Bhopal. After analyzing the data, researcher can say that Windows 2000/98/95 4(26.66%), Window

NT 3(20%), Window XP 13(86.66%), Linux 2(13.33%), Vista 1(6.66%) and no any library using Unix O/S.

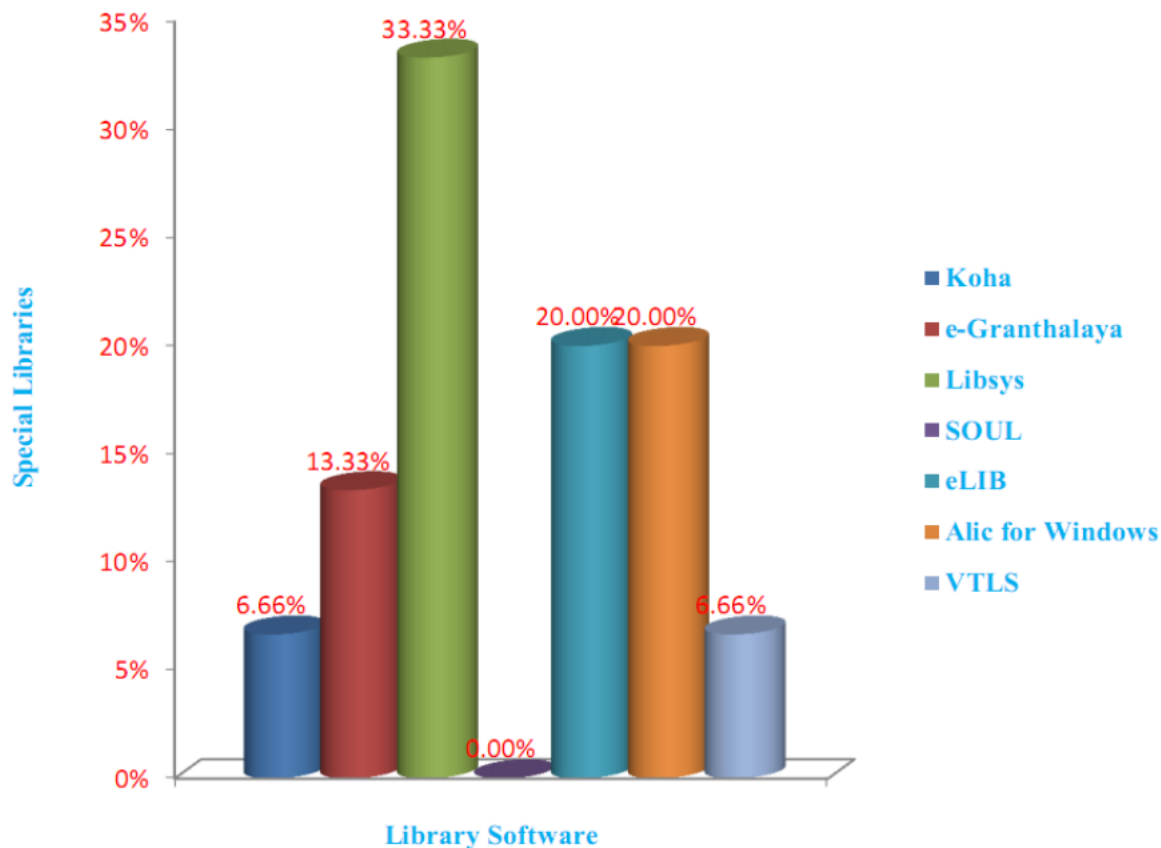
Use of Office Productivity Software



After analyzing the status of uses of office productivity software in special libraries of Bhopal, researcher can say that Word processing 15(100%), spread sheet

07(46.66%), PPT presentation 12(80%), E-Mail 13(86.66%), web browser 11(73.33%) and no any library using statistical packages, graphic editor and HTML editors.

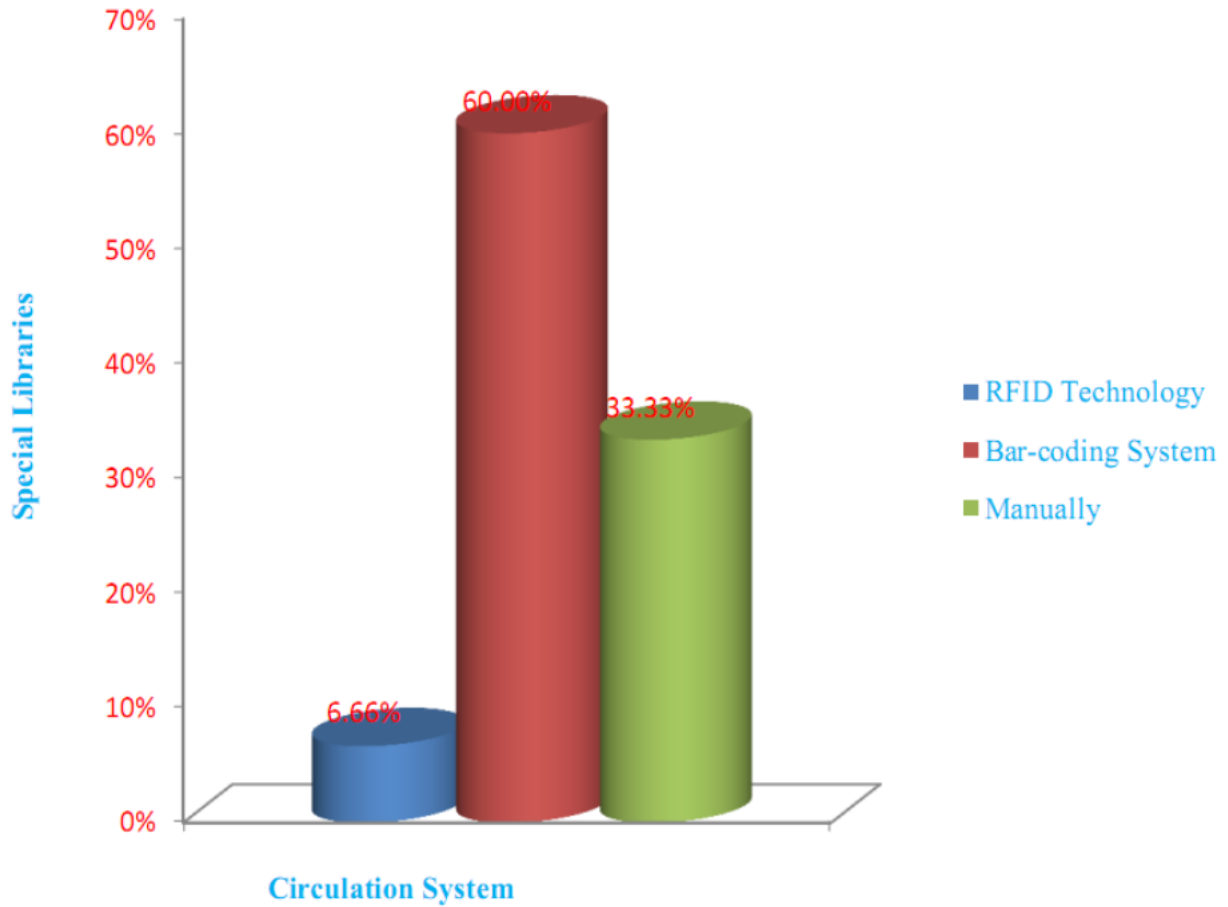
Use of Library Software



This table showed that the present scenario of use of library software by special libraries in Bhopal. Koha 1(6.66%), e-Granthalaya 2(13.33%), Libsys 5(33.33%), eLIB 3(20%),

Alice for Windows 3(20%), VTLS 1(6.66%), no any special library are using SOUL software.

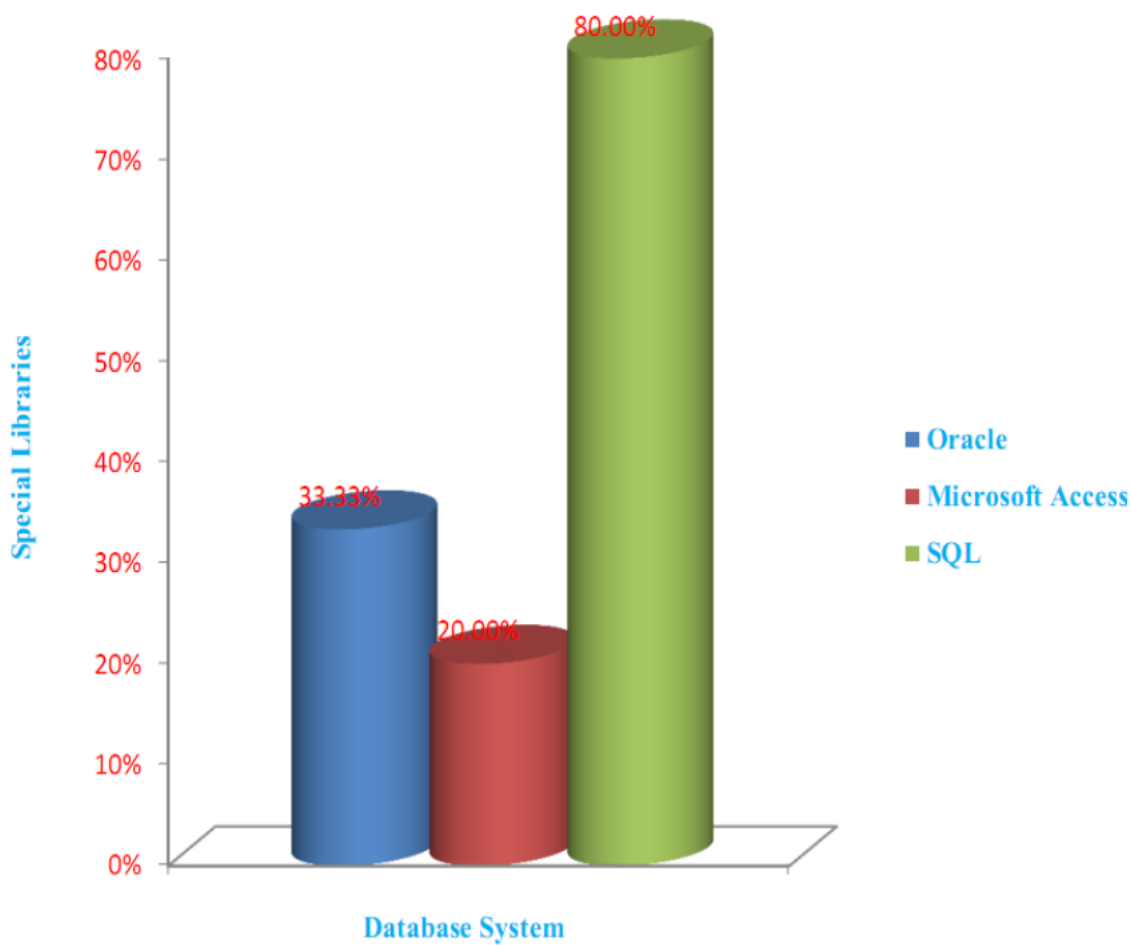
Technology use for Circulation System



This table showed that the status of use of technology for circulation system in special libraries of Bhopal are RFID technology

1(6.66%), bar-code system 9(60%) and Manually 5(33.33%).

Use of Database Management System



After analyzing the data researcher can say that status of use of database management system in special libraries of Bhopal are Oracle 5(33.33%), Microsoft Access 3(20%), and SQL 12 (80%).

FINDINGS

- (a) 100% special libraries having computers and 86.66% special libraries are using Window XP operating system.
- (b) 100% special libraries using office productivity software
- (c) Some special libraries are using Libsys and few libraries are using Koha, e-Granthalaya and eLIB, Alice for Windows and VTLS library management software no any libraries are using using SOUL software.
- (d) A majority of the special libraries are using SQL DBMS
- (e) A majority of the special libraries are using bar-code technology and only 1(6.66%) special libraries are using RFID Technology

CONCLUSIONS

The special libraries and information centers of Bhopal are still in the using ICT. However, 100 percent of special libraries having computer and using office productivity software opting for automation show that the special libraries have adapted to the new changes and the other libraries will follow the suit. Libraries and information centers have embraced the new information technology more profoundly than other fields and most of them are currently using electronic products and services.

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