

Information communication technology(I.C.T.)facilities, management of library sources and services: A study of college libraries affiliated to Karnataka state women's university Bijapur

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1. Introduction

College education provides higher education where the students much more depend on themselves its purpose is to develop students into citizen with intellectual input as well as other desirable qualities useful for the advancement and progress.

2. Need of the study

A college library meets the new changes they start facing at college. It occupied unique position and played in important role in teaching and learning program. it encourages the students to obtain evaluate and recognize knowledge and to familiarize himself with trends of knowledge for further education and learning new discipline.

3. College library objective

The objective of college libraries are;

- College library develops the reading habit of the students.
- Collage library aims at the personal growth of the students by supplying them required information.
- It provides information sources which are necessary for teaching and learning process college library and information.

4. College library and information communication technology (ICT)

With exponential growth of new research and advances in science technology and social sciences there was a manifold increases in information procedures and users. This information explosions resulting in publication of both in size scope led for a complex situation in organizing the educational libraries and provisions of services for its users.

The present information technological developments have made a great impact on information recording, storage and usage. Further telecommunication has made a tremendous revolution in information handling. These changes are influencing the very structure of library and information centers.

Thus since the invention of printing to the present age of electronics , verity of information storage and transmission media have found their ways and have helped to preserve and transfer the culture, tradition. College libraries have been

acquiring the different print and media verbal and print media. Viz, books, journals, CD ROM'S , Micro films, audio tapes ,magnetic tapes and all the optical based equipment.

Library and information centers have been using developing various printed and ICT based resources and reading various services to satisfy the diverse information needs of their uses.

5. Objectives of the study

The objectives of the study are:

- To determine the details information collections of the college library including electronic resources.
- To find out the information technology infrastructural facilities available in college libraries.
- To identify the technical manpower available in college library for information handling and dissemination.
- To understand the various methods used for organization of various information resources in college libraries.
- To understand the information services offered by college libraries to the users.
- To identify the internet and networking facilities available in college libraries.
- To survey the use of library sources facilities and services including ICT based services among students and teaching faculty members of college of libraries affiliated to Karnataka State Women's university, Bijapur.

6. Research methodology

Present study the questionnaire method has been used for the collection of data .

7. Scope and limitations

The study was limited to 40 colleges which have been affiliated to Karnataka state women's university Bijapur.

8. Analysis and Interpretation of Data

TABLE 1: AGE OF RESPONDENT:

Age group in years	Frequency	Percentage
Less than 30 years	15	37.5
31 to 40 years	05	12.5

41 years and above	20	50.00
Total	40	100.00

Table 1 gives age wise distribution of college libraries. It is observed that 50% of the college libraries belongs to the age group of 41 and above, followed by 37.5% of the college libraries belongs to age group of less than 30 years and 12.5 % of the college libraries belongs to the age group of 31 to 40 years.

TABLE 2 : BUDGET PROVISION IN THE COLLEGE LIBRARIES:

Budget	Frequency	Percentage
Book	40	100
Periodicals/journals	28	70
I.T.Infrastructure	08	20
Online journals	05	12.5

Almost all the college libraries are having collection of in libraries to meet the user needs, however it is noted that 70% of the college libraries are subscribing periodicals/ journals for their users. Just 20% of the college libraries having I.T. infrastructures, and only 5% libraries are subscribing online Journals.

TABLE 3: IT INFRASTRUCTURE FACILITIES AVAILABLE IN COLLEGE LIBRARIES.

INFRASTRUCTURE FACILITIES	Frequency	Percentage
Computers	35	87.5
Modems	12	30.00
Scanners	10	25.00
Fax machine	07	17.5
Printer	22	55.00
Xerox	15	37.50

It is found in table 3 that 87.5% of the college libraries are having computers perform their library work. It is followed by 55% of the college libraries are having printers, 37.5 of the college libraries are having Xerox facilities and 30% of the college libraries are having modems and 25% of the college libraries are having scanners and 17.5% of the college libraries are having fax machines.

TABLE 4: LIBRARY AUTOMATION SOFTWARE USED IN COLLEGE LIBRARIES.

Automation	Frequency	Percentage
New gen lib	-	-
e- granthalaya	20	50+
Easy lib	12	30
Self developed s/w	08	20
Total	40	100

It is found from table 4 that 50% of the college libraries are using e-granthalaya software for automating their routine library activities and services. However 30% of college libraries using easy life lib 20% of the college libraries are using self developed software.

TABLE:5 LOCAL AREA NETWORK (LAN) FACILITY IN COLLEGE LIBRARIES:

Particulars	Frequency	Percentage
Yes	5	12.5
No	35	87.5
Total	40	100

It is found from table 5 that Only 12.5 % of the college libraries are having LAN facilities in their respective libraries. While 87.5% of the LAN facilities in their libraries.

TABLE 6 : INTERNET FACILITIES IN COLLEGE LIBRARIES.

Internet facility	Frequency	Percentage
Yes	18	45
No	22	55
Total	40	100

It is found from table 6 that 45% of the college and libraries are having internet facilities, where as 55% of the college libraries are not having internet facilities in their college libraries.

TABLE 7: INFORMATION SERVICES OFFERED IN COLLEGE LIBRARIES.

Information services	Frequency	Percentage
Reference service	40	100.00
Referral service	20	50
Bibliographic service	10	20
Inter library loan	25	62.5
Technical enquires	-	-
Literature search service	08	20
Documentation based service	10	20
Internet based service	08	20
Information skill training	-	-
Counseling service	10	20
Current awareness service	12	30

It is found from table 7 that almost all the college libraries are providing reference service to their users. 50% of the college libraries are providing referral service , 62.5% of the college libraries are providing inter libraries loan, 20% of the college libraries are providing bibliographic service, 20% of the college libraries are providing literature search service 20 % of the college libraries are providing document supply / delivery service , 20% of the college libraries internet based service , 20% of the college libraries are providing counseling service , 30% of the college libraries are providing current awareness service to their users in libraries and no single college libraries providing technical enquiry service and information skill training/counseling services.

9. Summary of findings

- Majority of the college libraries lie in the age group of and above 50%.
- Almost all college libraries have made provisions for budget for acquisition books (100%) , while 70% of the college libraries are made provision for budget for

acquiring periodicals /journals and 20 % of the college libraries are made provision for budget to purchase online the journals.

- 87.5% of the college libraries are having computers to perform their library work, it was followed by of the college libraries are having printers.
- 50% of the college libraries are using e-granthalaya software for automating their routine library activities and services and 30% of the college libraries are adopting easy lib software .
- 45% of the college libraries are having internet facilities in their libraries
- All the college libraries are providing reference services of their users , while 62.5% of the college libraries are providing internet or loan, 50% of the college libraries are providing referral service. 30% of the college libraries are providing current awareness services.
- 12.5% of the college libraries are having local area network facilities in their libraries.

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10. Conclusion

The college libraries have been many a times hailed is more important than a college itself because of their unique role in educating the teachers, research and students of the college, as it is the quality of information services that decided the quality of education and the research of the college.

Information Communication Technology (ICT)has impacted libraries significantly, whether it is decreased door counts or increased use for the virtual resources and especially academic libraries have faced great deal of a change in recent year LIS professionals must be creative and innovative in order to serve their users to the fullest. Professionals have to reach more users in the varieties of ways, as their collections and services more into an increasingly virtually environmental they have to provide their users great rock access to in house as well external resources which in externally what they want .