



Review of Literature



A STUDY ON COMPUTER USABILITY OF LIBRARY BY THE DEGREE COLLEGE STUDENTS OF RAICHUR

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ABSTRACT:

It is the era of Information and Communication Technology (ICT). This technology had a very great impact on the civilization of mankind. The life style of man has changed by the development of science and technology. Of all the inventions the invention of computers has not only changed the pattern and life style of man, but also his thinking and standard of living.

KEYWORD: Information and Communication Technology (ICT) , civilization of mankind , science and technology.

1.INTRODUCTION:

In India we can see people of different sectors who are mainly dependent on computers. It is the base for the getting communication. The main objective of ICT lies in the knowledge of computers and their applications. It is not only the center but also the base of fast revolution and communication of information. It is used as communicating media all over the world, as Internet and E-mail facilities made the people to exchange information with in a fraction of seconds.

The Information and Communication Technology (ICT) has affected the libraries to the great extent. Libraries use ICT to maintain housekeeping operations, services,

uniformity and extension of library facilities. Now a days libraries of Degree colleges are using computer and associated technology for library activities. This study attempts to reveal the basic infrastructure, use, and privation during the implementation of ICT in Degree college libraries of Raichur District. The data have been collected using the survey method. The paper encompasses the information about computer and associated technology like hardware, software, networking infrastructure, user's services, training and problems areas encountered during implementation of ICT in Degree college libraries. The main objective of this study is to computer usability of library by the degree college students of Raichur. Usually libraries are providing facilities like Total Print Collection, Non Print A/V, CDs/ Floppies etc., On-line Resources, Open access sources like INFLIBNET, NATP, TEQIP, Parent University web, Printer, Scanners, Digital /Web Camera, Photocopy Machine,



Library Application Software, Operating /Networking System, Local Area Network (LAN) etc.

2. TITLE OF THE STUDY:

The study confined itself to a survey of the knowledge of computer and computer usability among the secondary school teachers. This problem can be stated as "A STUDY ON COMPUTER USABILITY OF LIBRARY BY THE DEGREE COLLEGE STUDENTS OF RAICHUR.

3. THE OBJECTIVES OF THE STUDY:

The present study was under taken with the following broad objectives:

1. To find out the usability of the computer amongst the Degree college students.
2. To find out the reasons for the lack of computer usability among the Degree college students.
3. To find out the usability of the library Software by the Degree college students.
4. To examine the purpose of computer utility by the Degree college students.
5. To find out the duration of using computers by the Degree college students.
6. To find out the usability of the Internet among the Degree college students.
7. To find out the number of Degree college students who getting information through e-mail.

4. DESIGN OF THE STUDY:

4.1. Sample:

Among all colleges I had selected 10 colleges which includes Govt., Private and Aided randomly. In survey Data has been collected through a questionnaire relating to the computer usability in these degree college libraries.

4.2. Tools Used for Collecting the Data:

The investigator developed questionnaire and used it as a tool for the collection of data. The questionnaire consisted of 25 questions related to computer usability in the library along with a personal data. The data was collected by the investigator himself. The directions and purpose of the study were clarified to the Degree college students before answering the questionnaire.

4.3. Statistical Techniques Used:

The investigator has used simple statistical technique of percentage analysis for interpretation of the collected data because it is descriptive research.

5. FINDINGS AND CONCLUSIONS OF THE STUDY:

The following findings are based upon objective wise analysis of the data.

Objective-1: To find out the usability of the computer among the Degree college students in the library.

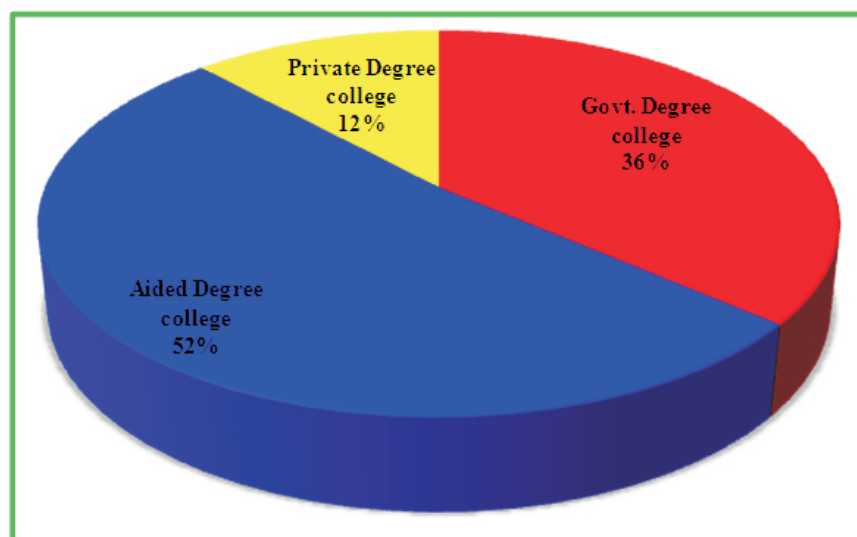
Table-1
Comparison of usability of the computer among the Degree college students in the library

Sl. No.	Type of college	No. of students used	Percentage of Usability
1	Govt. Degree college	105	36.2%
2	Aided Degree college	150	51.7%
3	Private Degree college	35	12.0%
Total		290	100.0%

Findings: Table-1, Shows that 36.2 % of the students in studying in government degree colleges are using computers in there library, while it is 51.7% in an aided degree colleges and for unaided degree colleges it limits

to 12%. This data can represent graphically as follows:

Graph- 1: Comparison of usability of the computer among the Degree college students in the library



CONCLUSION AND SUGGESTIONS:

This analysis prompts the researcher to conclude that the percentage of using computers by the Degree college students is only 72.5 %. Therefore it is suggested that efforts must be made to cover the remaining 27.5% by giving required facilities and training in computer usage for such students.

Objective : 2. To find out the reasons for the lack of computer usability among the Degree college students.

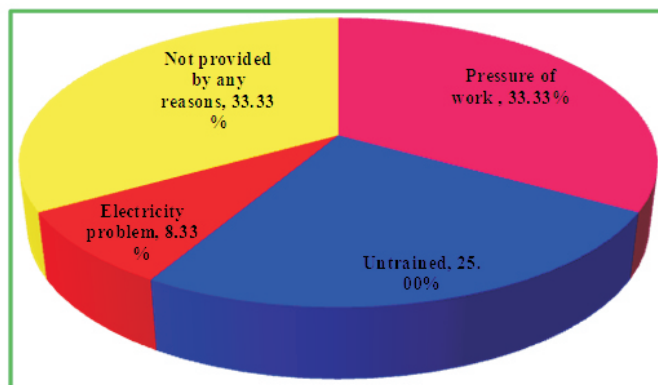
Table-2

Comparison of reasons for the lack of computer usability among the Degree college students in the library

Sl. No.	Lack of computer usability	No. of students used	Percentage of Usability
1	Pressure of work	100	33.33%
2	Untrained	75	25.00%
3	Electricity problem	25	8.33%
4	Not provided by any reasons	100	33.33%
Total		300	100.00%

Findings: Amongst 300 students, who are not using computer, 33.33% of them give pressure of work as the reason, 25% of them are untrained, and 8.33% of them are due to electricity problem and 33.33% of them have not given any reasons for not using computers.

Graph-2: Comparison of reasons for the lack of computer usability among the Degree college students in the library



Suggestions: Measures to be taken to help the students to find more time for using the computers by motivating and aware them about use of computers in gaining knowledge.

Objective-3: To find out the usability of the library and other Software by the Degree college students.

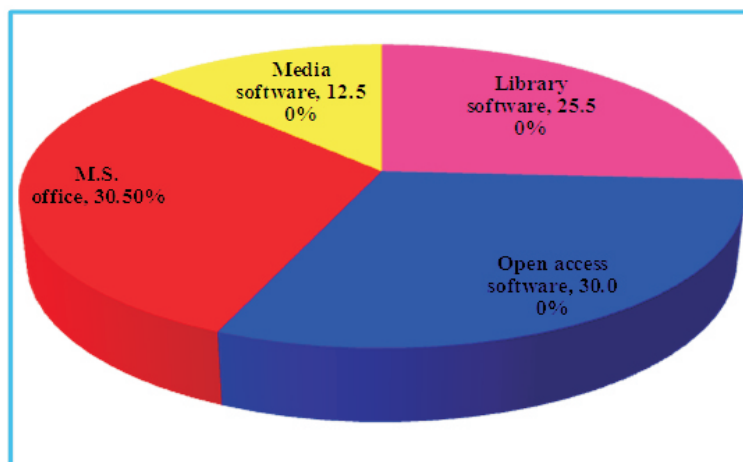
Table-3

Comparison of usability of the library and other Software by the Degree college students in the library

Sl. No.	Usability of the library and other Software	No. of students	Percentage
1	Library software	45	25.5%
2	Open access software	60	30.0%
3	M.S. office	70	30.5%
4	Media software	25	12.5%
Total		200	100.0%

Findings: Among the degree college students who possesses knowledge of computer, out of 200 students 25.5 % of them are using Library software, 30% are using Open access software, 30.5% are using M.S. office and 12.5 % are using Media software.

Graph-3: Comparison of usability of the library and other Software by the Degree college students in the library



SUGGESTIONS:

This analysis prompts the researcher to conclude that the percentage of using library and other Software is only 50 %. Therefore it is suggested that efforts must be made to cover remaining 50 % students by giving training to make use of the library and other Software packages to a maximum extent.

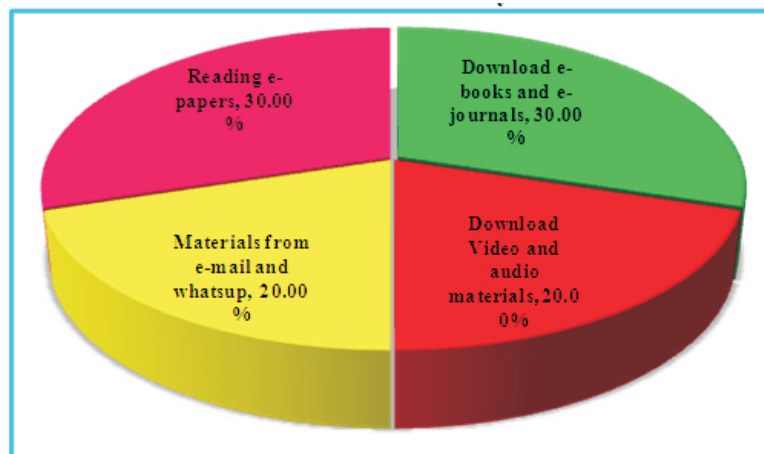
Objective-4: To examine the purpose of computer utility by the Degree college students.

Table-4
Purpose of computer utility by the Degree college students in the library

Sl. No.	Purpose of computer utility	No. of students used	Percentage of Usability
1	Download e-books and e-journals	60	30.0%
2	Download Video and audio materials	40	20.0%
3	Materials from e-mail and whatsapp	40	20.0%
4	Reading e-papers	60	30.0%
Total		200	100.0%

Findings: Table-4 shows that among the teachers who possesses knowledge of computer, out of 200 students 30% of them are using it for downloading e-books and e-journals, 20.0% of them are using for download Video and audio materials, 20.0% of them are using for Materials from e-mail and whatsapp, and only 30% of the students are using computer for Reading e-papers in the library.

Graph- 4: Purpose of computer utility by the Degree college students in the library

**Suggestions:**

From the above findings researcher conclude that, out of 200 students, 50% of them are using computers for getting information in the libraries is a good sign. Remaining students are not finding the importance of computer usages. Therefore it is suggested that more training facilities should be provided to improve their skills in using computers. An awareness campaign be planned regarding computer literacy for all the degree college students.

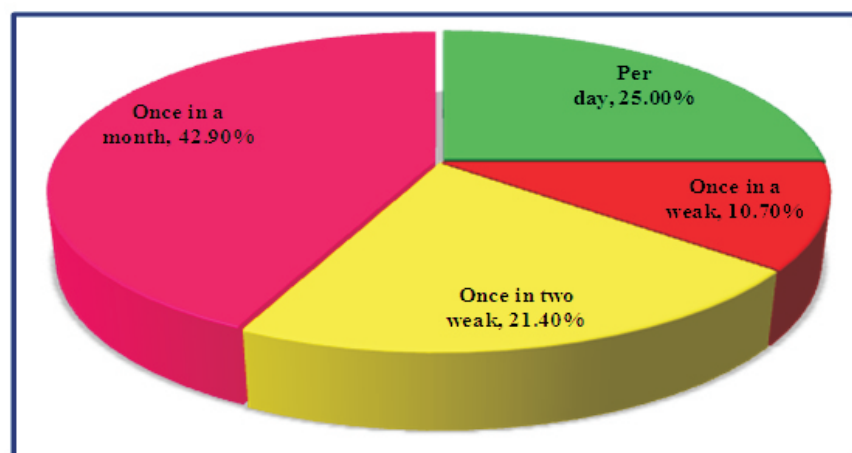
Objective-5: To find out the duration of using computers by the Degree college students.

Table-5
Duration of using computers by the Degree college students in the library

Sl. No.	Percentage of duration of usability	No. of students used	Percentage of Usability
1	Per day	70	25.0%
2	Once in a weak	30	10.7%
3	Once in two weak	60	21.4%
4	Once in a month	120	42.9%
Total		280	100.0%

Findings :Among the teachers who possesses knowledge of computer, out of 280 teachers 25% of them are using computers every day, 10.7% once in a week, 21.4% once in a 15 days and 42.9% of them are using computers once in a month in the libraries.

Graph-5: Duration of using computers by the Degree college students in the library



Suggestions:

The above findings show that, very less percentage of the degree college students (25%) are using computers every day. Hence, specific time should be allotted to the degree college students every day for the usage of computers in the library and it should be mandatory.

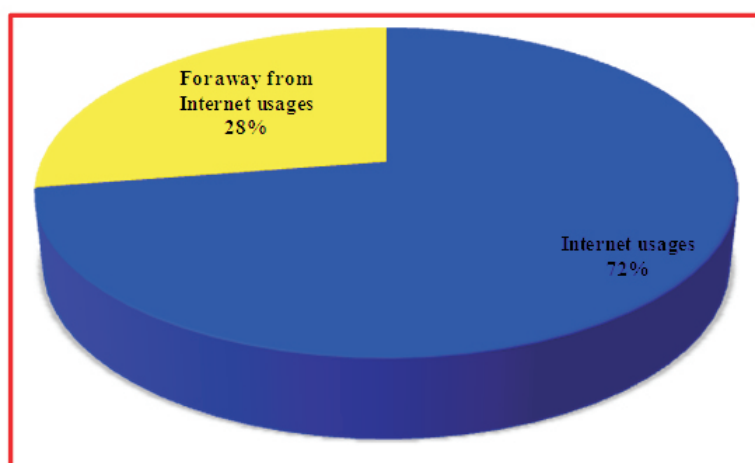
Objective : 6. To find out the usability of the Internet among the Degree college students in the library.

Table-6
Usability of the Internet among the Degree college students in the library

Sl. No.	Usability of the Internet in the library	No. of students used	Percentage of Usability
1	Internet usages	145	72.5%
2	For away from Internet usages	55	27.5%
Total		200	100.0%

Findings : The study reveals that the teachers who possesses knowledge of computer, out of 200 teachers 72.5% of them are having knowledge of using Internet facilities and remaining 27.5% are for away from Internet usages.

Graph-6: Usability of the Internet among the Degree college students in the library

**Conclusion and Suggestions:**

The above finding reveals that, 27.5% of teachers are far away from the Internet usages. The major reason for the same is lack of internet facilities in the libraries. Hence, it is suggested that, more facilities regarding the internet must be provided to each degree colleges to enable the growth of the students.

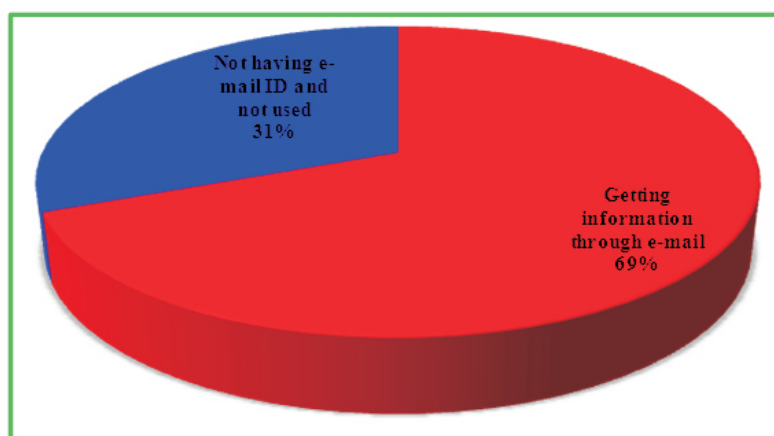
Objective : 7. To find out the number of Degree college students who getting information through e-mail.

Table-7
Number of Degree college students who getting information through e-mail

Sl. No.	Percentage of duration of usability	No. of students used	Percentage of Usability
1	Getting information through e-mail	100	68.9
2	Not having e-mail ID and not used	45	31.0
Total		145	100.0

Findings: The students who possess knowledge of Internet amongst the 145, 68.9% of them are having e-mail ID and getting the information through it. Remaining 31.0% are not having even e-mail ID.

Graph-7: Number of Degree college students who getting information through e-mail



SUGGESTIONS:

The above findings show that, out of 145 teachers 68.9% of them possess the E-mail ID. So it is expected that, every student must have E-mail ID and all transactions must be made through internet. This must be made mandatory so that our students will be exposed to the ICT world.

6. LIMITATIONS OF THE STUDY:

1. Only degree colleges students are treated sample in this study.
2. This is restricted to only Raichur District degree colleges

BIBLIOGRAPHY:

1. Buch, M.B. (Ed.). (1991): Forth Survey of Educational Research. New Delhi: NCERT.
2. D'Souza, P. V. (1992): E-mail's role in the learning process: A case study. Journal of Research on Computers in Education, 25(1), 256-264.
3. Intel (2002): Intel teach to the future: With Support from Microsoft Annual Report. Retrieved from <http://www.intel.com/community/india/index.htm> on 5th September 2007.