

STUDENTS PERCEPTION TOWARDS USAGE OF INTERNET IN SAHYADRI ARTS & COMMERCE COLLEGES, SHIVAMOGGA, (KARNATAKA) A SURVEY

M. S. Lohar*

Abstract *The present paper is based on the information provided by students of Sahyadri Arts & Commerce Shivamogga Karnataka. Keeping in view the objectives of this study the investigator prepared a set of questionnaire and distributed to the users of internet resources and collects the required data. The study reveals that majority of the students learnt the use of Internet by assistance from the librarian/library Staff compared to formal training self- instruction and also face some problems i.e slow download, over load of information etc., It was also found that maximum users are satisfied with the use of Internet and resources /information available on the Internet. The present Study is conducted to find out how many students are interested and what is their attitude towards the use of web based information resources and Internet in both the colleges /study area.*

Keyword: *Internet Resources, Internet Usage, Student Users, Sahyadri College, Shivamogga*

INTRODUCTION

The functions of libraries are play an important role and central component in all academic institution which serves information needs of its clientele. In the present scenario Internet has become the lifeline for all human activities in terms of collection, organizing, storing, retrieval, and dissemination of information and it is considered as the ocean of Information. Today information is the most vital resources for any kind of activity, and Internet playing a key role to support teaching and learning activities in the academic environment. A college library plays a vital role in the achievement of the objectives of the college. The objectives of the college library are to provide necessary resources and services for teachers and students and also help to users for their self-development to fulfil the curriculum requirement and to promote studies, teaching and research activities. Generally a college library provide circulation service, reference service, current awareness service, photocopy service and inter library loan etc. and also gives library orientation and instruction program to its users for proper utilization of library resources.

ABOUT SAHYADRI COLLEGE/ LIBRARY

Sahyadri College is one of the prestigious educational institutions in Malanad region, which, was established

in the year 1940 as an intermediate college and it was upgraded in 1956 as a Government First Grade College. In 1984 this college was bifurcated into Sahyadri Science and Sahyadri Arts College and 2nd June 1992, the Government of Karnataka handed over both the, colleges to Kuvempu University as constituent, colleges. The college library came into existence with, inception of the college in the year 1940-41 with a collection, of 1790 books, which was located in a classroom. At present the library is housed in a independent building with open access system, providing circulation of books and other reading materials, Internet and zerox facilities etc.

LITERATURE REVIEW

A number of the existing works have been surveyed with a view to assessing the work already done. The literature survey has been done with the help of primary and secondary sources. Lohar and Kumbar (2002) evaluated the use of library facilities and information sources among the faculty members in Sahyadri Colleges, Shimoga. This study explores that most of the respondents visit the library for consulting text books, reference books and to read the newspapers for current information. Robinson (2005) examined the Internet use among African-American college students. The respondents were surveyed by using the 43-item questionnaire to determine the frequency of Internet. The results of the study indicated that most of the African-

* Associate Librarian, (SGL), Sahyadri Science College Shivamogga, Karnataka, India.
E-mail: manjunathlohar@yahoo.com

American college students (76%) had used the Internet for more than three years. The use of the Internet for most African-American college students occurred at school or at the work place with 49% of the responses at home. 47% of the responses indicated they spent an average of two hours per day on-line. A small percentage of the students spent 5-6 hours per day on the Internet. 43% of the students used the Internet primarily to learn and find school resources. Bashorun, et al., (2011) found that the frequency of use of e-resources by teaching staff was low, as most of the faculty time is spent on teaching. The study also pointed out some of the problems like lack of awareness to users about electronic resources provided by the library, lack of electricity supply to use computer, slow speed of network, and inadequate searching skills.

use in “cyber cafe” and 31.81% of boys in and 27.14% of girls are used internet in their college library. It shows that, the library authority should provide good facilities for their students.

Table 1. Distribution of Questionnaires

Questionnaires Distributed	Sahyadri Arts & Commerce College		Total
	Boys	Girls	
Issued	75	75	150
Received	50	50	100
Total	125 (100.00%)	125 (100.00%)	250 (100.00%)

OBJECTIVES OF THE STUDY

1. To study the awareness and use of Internet by students in the study area
2. To know the place where the students were use Internet
3. To know the years of experience, frequency and purpose of using of Internet
4. To identify the popular search engines and level of satisfaction
5. To know the frequently used websites and assess the quality of the Internet resources.
6. To study the problems of the users when they are using internet

METHODOLOGY

Basically this study is based on the information provided by the students of Sahyadri Arts & Commerce and Sahyadri Science College, (Autonomous) library Shivamogga. The study collects the required data through questionnaire from the boys and girls of both the Colleges (Sahyadri Arts & Commerce and Sahyadri Science College, Shivamogga.) Two hundred questionnaires were distributed, (100 each colleges) and we have received hundred percent responses from each college.

ANALYSIS AND RESULTS

The following table 1 shows distribution of questionnaires to the boys and girls in Sahyadri Arts & commerce, Shivamogga. 150 questionnaires were distributed to boys (each 75+75) and girls in the study area. Out of which 100 (each 50+50) filled questionnaires received from the respondents.

Table 2 shows that, majority (47; 34.55%) of students use internet in “College library”. While and 29.41% of students

Table 2. Place of Internet Use

Use of Internet in	Sahyadri Arts & Commerce College		
	Boys	Girls	Total
Cyber cafe	25 (37.87%)	22 (31.42%)	40 (29.41%)
At my Home	11 (16.66%)	19 (27.14%)	30 (22.05%)
Friends/relatives house	09 (13.63%)	10 (14.28%)	19 (13.97%)
College Library	21 (31.81%)	19 (27.14%)	47 (34.55%)
Total	66 (100.00%)	70 (100.00%)	136 (100.00%)

Note: Total sample exceeds the required size, since the question are multiple choices

The following table 3 show the experience of students in using computer before accessing Internet. 80.00% of students are having experience in using computers before accessing Internet. Less percentage (20.00%) of students is not having experience in using of computer before accessing Internet. At the same time 78.00% of boys and 82.00% of girls are having experience in using computers before accessing Internet.

Table 3. Experience in Using Computers Before Accessing Internet

Opinion	Sahyadri Arts & Commerce College		
	Boys	Girls	Total
Yes	39 (78.00%)	41 (82.00%)	80 (80.00%)
No	11 (22.00%)	09 (18.00%)	20 (20.00%)
Total	50 (100.00%)	50 (100.00%)	100 (100.00%)

The modes of learning of Internet usage is exhibits in table 4. Majority 70(31.96) of respondents are taking assistance from librarian/ library staff. Average 18.00% of users (18.72% & 18.26%) have learned “through self instruction/ trial & error method” and by “attending formal training”. 29.80% of boys, 33.91% of girls are learned the usage of Internet with help of “Librarian/library staff.” This shows that, majority of students are agreed the service provided by the library is good or library staffs is taking care of students in usage of internet.

Table 4. Modes of Learning of Internet Usage

Opinion	Sahyadri Arts & Commerce College		
	Boys	Girls	Total
With the help of teachers	12 (11.53%)	17 (14.78%)	29 (13.24%)
Self instruction/Trial & error Method	22 (21.15%)	19 (16.52%)	41 (18.72%)
Assistance by friends	19 (18.26%)	20 (17.39%)	39 (17.80%)
By attending formal training	20 (19.23%)	20 (17.39%)	40 (18.26%)
Assistance by librarian/ Library Staff	31 (29.80%)	39 (33.91%)	70 (31.96%)
Total	104 (100.00%)	115 (100.00%)	219 (100.00%)

Note: Total sample exceeds the required size, since the question are multiple choices

Frequency of visiting internet (table 5) is “Once in a week” represents 26.25% of the total responses. The users are visiting internet is “twice in a week represents 24.58%. The frequency of visiting Internet Once in a week” represents 26.74% (boys & girls) 25.80% respectively.

Table 5. Frequency of Visiting Internet

Frequency	Sahyadri Arts & Commerce College		
	Boys	Girls	Total
Daily	11 (12.79%)	13 (13.97%)	24 (13.40%)
Once in a week	23 (26.74%)	24 (25.80%)	47 (26.25%)
Twice in a week	19 (22.09%)	25 (26.88%)	44 (24.58%)
Once in a month	13 (15.11%)	15 (16.12%)	28 (15.64%)
Twice in a month	18 (20.93%)	12 (12.90%)	30 (16.75%)
Occasional only	02 (2.32)	04 (4.30%)	06 (3.35%)
Total	86 (100.00%)	93 (100.00%)	179 (100.00%)

Note: Total sample exceeds the required size, since the question are multiple choices

Table 6 exhibits the purpose of use of Internet resource and services, 24.24% of students are use Internet for “preparing project reports, assignments/seminars and 20.60% use for “Sending and receiving e-mails.” Less percentage (22.22% & 13.95%) of users are use to refers/see e- journals /books”.

Table 6. Purpose of use of Internet Resources and Services

Opinion	Sahyadri Arts & Commerce College		
	Boys	Girls	Total
To prepare Project reports, assignments/ seminars	18 (22.22%)	22 (25.58%)	40 (24.24%)
Access the information from college web site	03 (3.70%)	05 (5.81%)	08 (4.84%)
Get educational information	14 (17.28%)	17 (19.76%)	29 (17.57%)
Sending and receiving E-mail	15 (18.51%)	19 (22.09%)	34 (20.60%)
To know current information	13 (14.04%)	11 (12.79%)	24 (14.54%)
E-books and e-journals	18 (22.22%)	12 (13.95%)	30 (18.18%)
Total	81 (100.00%)	86 (100.00%)	165 (100.00%)

Note: Total sample exceeds the required size, since the question are multiple choices

The student’s satisfaction with the information available in the Internet is analysed in the following table 7. Majority (36.00%) of respondents are fully satisfied and 35.00% are partially satisfied with the information available in the Internet. While and 38.00% boys and 34.00% of girls are fully satisfied with the Internet resources.

Table 7. Satisfaction with the Information Available on Internet

Opinion	Sahyadri Arts & Commerce College		
	Boys	Girls	Total
Fully Satisfied	19 (38.00%)	17 (34.00%)	36 (36.00%)
Partially satisfied	16 (32.00%)	19 (38.00%)	35 (35.00%)
Not satisfied	15 (30.00%)	14 (28.00%)	29 (29.00%)
Total	50 (100.00%)	50 (100.00%)	100 (100.00%)

Table 8 shows the format of downloads from the respondents is explained. Majority 56 (56.00%) of respondents downloading the “word files” and 35.00% download “PDF”

files. 58.00% of girls and 34.00% of boys are downloading word files. This shows that, the respondents in study area are well versed in downloading of word files for their academic/study work.

Table 8. Format of Downloads

Opinion	Sahyadri Arts & Commerce College		
	Boys	Girls	Total
Word files	27 (54.00%)	29 (58.00%)	56 (56.00%)
HTML	03 (6.00%)	06 (12.00%)	09 (9.00%)
PDF	20 (40.00%)	15 (30.00%)	35 (35.00%)
Total	50 (100.00%)	50 (100.00%)	100 (100.00%)

The different types of browsers are used by the respondents for their study is explained in the table 9. Majority (47.93%) of respondents use “Mozilla Firefox”. The next rank goes to “Internet explorer” it represents 36.35%. Majority (48.43%) of girls are interested in browsing “Mozilla Firefox” and Internet explorer represents 39.06%. This shows that, majority of girls respondents in the study area are having experience in using of Internet explorer and Mozilla Firefox browsers.

Table 9. Types of Browsers Used

Opinion	Sahyadri Arts & Commerce College		
	Boys	Girls	Total
Internet Explorer	19 (32.20%)	25 (39.06%)	44 (36.35%)
Mozilla Firefox	27 (47.36%)	31 (48.43%)	58 (47.93%)
Opera	09 (15.78%)	05 (7.81%)	14 (11.57%)
Netscape Navigator	02 (3.50%)	03 (4.68%)	05 (4.13%)
Total	57 (100.00%)	64 (100.00%)	121 (100.00%)

Note: Total sample exceeds the required size, since the question are multiple choices

The search engines used by the students in the study area is analysed in table 10. Google is the popular search engine of students it represents 34.27% while 33.33 respondents are used “Yahoo search” engines. Average 33% of girls (33.03% & 33.92%) are used Google and yahoo search engine for their academic work.

Table 10. Frequencies of use Search Engines

Opinion	Sahyadri Arts & Commerce College		
	Boys	Girls	Total
Yahoo search	33 (32.67%)	38 (33.92%)	71 (33.33%)
Google	36 (35.64%)	37 (33.03%)	73 (34.27%)
MSN	13 (12.87%)	15 (13.39%)	28 (13.14%)
Alta vista	05 (4.95%)	04 (3.57%)	09 (4.22%)
Ask Jives	04 (3.96%)	06 (5.37%)	10 (4.69%)
Ask.com	10 (9.90%)	12 (10.71%)	22 (10.32%)
Total	101 (100.00%)	112 (100.00%)	213 (100.00%)

Note: Total sample exceeds the required size, since the question are multiple choices

The quality of use of Internet resources is agreed 40.00% and strongly agreed 35.00% of the total responses. While 42.00% of girls and 38.00% boys are agreed the quality of internet resources. The quality of Internet resources is strongly agreed by the boys and girls are represents 36.00% and 34.0% respectively.

Table 11. Quality of Internet Resources

Opinion	Sahyadri Arts & Commerce College		
	Boys	Girls	Total
Agree	19 (38.00%)	21 (42.00%)	40 (40.00%)
Strongly agree	18 (36.00%)	17 (34.00%)	35 (35.00%)
Disagree	10 (20.00%)	09 (18.00%)	19 (19.00%)
Strongly disagree	03 (6.00%)	03 (6.00%)	06 (6.00%)
Total	50 (100.00%)	50 (100.00%)	100 (100.00%)

The problems faced by the users when using Internet resources is explained in table 12. Majority (27.81%) of users are faced slow download of required information and 24.06% faced “slow access problem. 27.81% of each boys and girls are faced the problem of slow download” of information. Less Percentage (14.28%) of users is having a problem of “lack of time.

Table 12. Problems in using Internet Services

Reasons	Sahyadri Arts & Commerce College		
	Boys	Girls	Total
Slow access	31 (23.30%)	33 (24.81%)	64 (24.06%)
Slow download	37 (27.81%)	37 (27.81%)	74 (27.81%)
Overload of information on the Internet	21 (15.78%)	21 (15.78%)	42 (15.78%)
Privacy & difficulty in finding relevant information	11 (8.27%)	17 (12.78%)	28 (10.52%)
Lack of time	24 (18.04%)	14 (10.52%)	38 (14.28%)
Lack of operating systems	09 (6.76%)	11 (8.27%)	20 (7.51%)
Total	133 (100.00%)	133 (100.00%)	266 (100.00%)

Note: Total sample exceeds the required size, since the question are multiple choices

FINDINGS OF THE STUDY

1. Majority (47; 34.55%) of students use internet in "College library" but, 29.41% of respondents use internet in "cyber cafe. It shows that, the library authority should provide good facilities for their students.
2. 80.00% of students are having experience in using computers before accessing Internet. At the same time 78.00% of boys and 82.00% of girls are having experience in using computers before accessing Internet.
3. Majority 70(31.96) of respondents are taking assistance from librarian/ library staff. Average 18.00% of users (18.72% & 18.26%) have learned "through self instruction/trial & error method" and by "attending formal training".
4. 26.25% of the total responses toward visiting Internet is once in a week and twice in a week represents 24.58% of the total responses.
5. 24.24% of students are using Internet for "preparing project reports, assignments/seminars and 20.60% use for "Sending and receiving e-mails." Less percentage (22.22% & 13.95%) of users are use to refers/see e-journals /books".
6. Majority (36.00%) of respondents are fully satisfied and 35.00% are partially satisfied with the information available in the Internet.

7. Majority 56(56.00%) of students downloading the "word files" for their study/academic work and 35.00% download "PDF" files.
8. Majority (47.93%) of respondents use "Mozilla Firefox" and user of "Internet explorer" is 36.35%. of the total responses.
9. Google is the popular search engine of students it represents 34.27% and 33.33% of respondents use "Yahoo search" engines. Average 33% of girls (33.03% & 33.92%) are used Google and yahoo search engine for their academic work.
10. The quality of use of Internet resources is agreed 40.00% and strongly agreed 35.00% of the total responses.
11. Majority (27.81%) of users are faced slow download of required information and 24.06% faced "slow access problem. 27.81% of each boys and girls are faced the problem of slow download" of information.

SUGGESTION

The Investigator made some suggestion on the basis of findings of the study.

1. Internet facility should provide in the hostels with minimum fees and it is helpful to the students to use internet at any time and provide Wi-Fi connection in college campus and also provide high speed computers, in the library for quick access of E- resources.
2. Some computers with CD-ROM drives/ USB ports may be provided to the users, so it helps to users for downloading relevant information for their academic work and also provide networked printer in the centre with minimum payment basis.
3. The library professionals should be trained and motivated to guide the students in a better way because it helps to conduct training programmes for the students at the beginning of the academic year so that, the students can use Internet-based resources optimally for their studies/academic work.
4. A system administrator may be appointed for providing right kind of help during their day-to-day Internet use.
5. Address of academic web sites should notify to the users in the library, other place of college campus and hostels.

CONCLUSION

It is evident from the results that Internet has a great impact on the academic community. The users are making maximum use of the Internet facility provided by the college. However, library should conduct short term training

programmes to users, so that they can take advantage of freely available subject gateways on the Internet. For this purpose, the academic staff should be encouraged to use electronic information sources for their study purposes. The library environment has currently undergone drastic change in terms of collections and services. The proliferation of e-resources especially internet has had a significant impact on the way the academic community uses, stores, and preserves of information. The advantages of Internet have drawn attention of the library users to a great extent. Accordingly, these resources have occupied a significant place in the digital library. . The Internet is a useful tool for searching of information, organization of knowledge, retrieval of information for research activity, accessing of electronic journals, E-books and Inter library loans etc. In this study that majority of the students learnt the use of Internet by assistance from the Librarian/library staff compared to formal training self- instruction and assistance from others. It was also found that maximum users are satisfied with the use of Internet and the information available on the Internet.

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