

USE OF INTERNET BY FACULTIES IN S L N COLLEGE OF ENGINEERING, RAICHUR : A STUDY

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ABSTRACT

There has been a notable change in the educational institutions due to revolution of Internet. This paper summarizes frequency and time spent for internet by the faculties at H.K.E. Society's S L N College of Engineering (SLNCE) key information seeking consideration associated with use of internet ways that make the faculties aware regarding the information required in their field different search engines used by the faculties at SLNCE have been discussed. Conclusion has been made on the basis of analyses data from 67 faculties in SLNCE.

Keywords: internet, search engines, faculties, SLNCE

INTRODUCTION

Internet network of networks is the largest most complete learning tool for a group of people with varied educational background and internet. The users of internet can share ideas messages and files instantly across vast distances. Internet has emerged as a powerful education tool. Today engineering colleges play an important role in imparting technical education. The faculties who are the backbone of these colleges require the latest specific and pin pointed information in their respective field. Owing to the high cost of engineering information resources developing countries like India cannot provide these resources to their users. But Internet with its many advantages makes way for the developing countries to access information at very low coat.

ABOUT COLLEGE

The H.K.E.Society's S.L.N College of Engineering (SLNCE) is one of the prestigious college in Kalyana Karnataka Region established in the year 1979. Affiliated to Visvesvaraya Technological University, Belgaum. Approved by AICTE, New Delhi. Hyderabad Karnataka Education Society's Kalaburagi is build this institution both outside and inside. The institute has 04 UG 01 PG programmes and VTU recognized Research centre offering Ph.D under Electronics and communication engineering. ISO 9001:2015 certified EDUCATION, CONSULTANCY AND TESTING SERVICES in Civil Engineering department. This

institute is having faculty strength of over 100. The SLNCE college campus has 72 acres area with lush green lawns and wide clean pathways. More than 200 Computer Systems with latest intel core i3,i5,i7 configurations. 20 + Legal Application Softwares. Wifi enabled campus (in association with JioFibre), 10 Mbps Internet Leased Line Connection (Airtel / Hathway) and 42 Mbps of Broadband Connection. All classroom are ICT enabled (Projectors, Speakers , LAN, etc). Campus Agreement with Microsoft. Boys & Girls Hostel with 100 + capacity. Amenities : First aid and Medical facilities, Bank, Reprographic section, Canteen, Power back up, Sports club, Girls common room, boys common room. Internet centres library and as well in all departments.

LITERATURE SURVEY

Voorbij (1999) examined the use of the internet amongst students and academicians in the Netherlands. A questionnaire was distributed among 1000 members of the academic community and three focus-group interviews were also held with faculty members. The study revealed that the web was being used primarily to search general factual ephemeral or very specific information. The study also revealed that students and academicians faced many problems while searching the web.

Chandran (2000) conducted a study at S V university Tirupathi which showed that more than 25% of the respondents used the internet for 2-3 times a week and more than 56% used it for accessing information a majority of the respondents used the web and email services of internet the purposes of using internet included communication and information gathering. The sources used for identifying information about internet included website itself journals magazines and newspapers. A majority of the respondents used general websites as compared to recreational and discipline oriented websites.

Ramakrishnegowda K.C. and Walmiki R.H. (2004) in Kuvempu university conducted a study know the entry-level computer literacy and information literacy of the pg students. Nearly two-third of the total respondents are not able to use the internet.

Lohar M.S. and satisha S,H (2007) conducted a study to know internet utilization pattern of the post graduate students of J J M medical college of Devangere city, the finding of the study indicated that a majority of the students (60.46%) used the internet out of the internet users (57.31%) were weekly once user of internet. The findings of the study also showed that 21.78% of students used internet for preparing seminars/project reports, 31.25% students often used medical databases and e journals for their study purpose. A majority of the respondents i.e. 82.92% indicated that they the problem slow functioning of internet connection.

OBJECTIVES OF THE STUDY

The paper aims to determine the following objectives mentioned below:

- To study the availability of internet service in the campus;
- To know the purpose of faculties about using internet service;
- To study the type of internet resources using by the faculties;

- To study the problems faced while using internet service;
- To know the satisfaction with the internet service available in the campus; and
- To suggest suitable recommendation to improve the internet services for the benefit of the users.

RESEARCH DESIGN AND METHODOLOGY

The questionnaire and personal interview method has been used as data collection device required for present study. The questionnaires were distributed randomly by hand at all departments in SLNCE. Thus the study is conducted on a sample of 67 faculty members at SLNCE. A total number of 150 questionnaires were distributed out of which 98 filled in questionnaires were returned back by the respondents in time.

ANALYSIS AND DISCUSSION

This survey shows that cent percent of faculties uses the internet in their campus for various reasons. Table 1 Reveals that 63.26% of male faculties are working in SLNCE whereas only 36.73% of female members are working as faculty (Table1).

Table 1. Sex-wise distribution of faculty members

Sex	No. Of Responses	Percentage
Male	62	63.26
Female	36	36.73
Total	98	100.00

Table 2 Time duration of using internet

Period	No. of Responses	Percentage N=98
Less then6 months	02	2.04
6 months – 1 year	16	16.32
1-2 year	02	2.04
2-4 years	20	20.40
More than 4 years	58	59.18
Total	98	100.00

Table 2 shows the period of using internet. There are total 98 respondents. They are classified according to time duration years. 59.18% of the faculties members are using internet since more than 4 years 20.40% using since last 2-4 years 16.32% using sine last 6 months to 1 year each 2.04% of the faculty members are using internet since 6 months and 1-2 years respectively.

Frequency of using internet

Table 3. Frequency of using internet

Frequency of use	No. Of Responses	Percentage N=98
Every day	76	77.55
Once in a week	22	22.44
Once in two weeks	-	-
Monthly	-	-
Occasionally	-	-
Not at all visited	-	-

Table 3 shows the 77.55 percentage of the faculty members are using the internet almost every day 22.44 percent of the faculty members are using once in a week.

Table 4. Place of using internet

Place	No. Of Responses	Percentage N=98
At SLNCE library	90	91.83
At home	20	20.40
At browsing centre	06	6.12
Dept/at other place	43	43.87

Table 4 shows that 91.83% of faculties are using internet at SLNCE library 43.87% of faculties are using at their Departments friends room etc. 20.40% id using internet at their home and the least amount that is 6.12% is using internet at Browsing centres.

Table 5. Reasons for selecting place/for using internet

Reasons	No. Of Responses	Percentage N=98
Economic (cost wise)	06	6.12
High bandwidth	26	26.53
Provision to download	10	10.20
Provision to get printout	16	16.32
Easy accessibility	68	69.38

The respondents were Requested to indicate their opinion towards why they preferred above place for frequently use of internet. The above table 5 shows that 69-38 percent of faculties preferred place to use internet for Easy accessibility 26.53% for High bandwidth 16.32% for provision to get printout 10.20% for provision to get download and 6.12% of faculties preferred for Economic reason. The Received responses regarding how they learn to use internet is/are analysed in the above table 6. 38.77 percent of faculty members learned from "Assistance by friends/colleges it is followed by 23.46% from self instruction and each 10.20% of faculties indicated that they learned to use internet by formal training/ courses and Assistance by faculty /library staff/instructor

Table 6. Learned through use of internet

Method of learning	No. of responses	Percentage N=98
Formal training/courses	10	10.20
Assistance by friends/colleagues	38	38.77
Assistance by faculty/library staff/ instructor	10	10.20
Self instruction	23	23.46
Total	98	100.00

Rate of internet in searching information on internet

Table 7. Rate of internet in searching information on internet

Rate	No. of response	Percentage
Highly	48	48.97
Moderately interested	24	24.48
Slightly interested	19	19.38
Less interested	07	7.14
Total	98	100.00

An attempt is made here to find out how much the faculty interested in searching information on internet. It may be observed from table 7 that more than 48.97 percent of faculty members are Highly interested followed by 24.48 percent are Moderately interested and 19.38 percent of faculties rated as Slightly interested and least amount that is 7.14% shows less interested in searching information on internet.

The faculties are using internet for different purposes hence the responses received regarding this is analyzed in the figure 1 and table 8. The 81.63% of faculties indicate that they are using internet for E-mail purpose 63.26 percent of faculties for project/seminar purpose 59.18 percent of faculties for Research purpose 57.14 percent faculties using internet for access to E-Journals/books the least amount of faculties that is 8.16% 6.12% using internet for Games/Music & for chatting purpose respectively.

Table 8. Purpose/s of using internet

Purpose/s	No. of response	Percentage N=98
E-mail	80	81.63
Bulletin boards	14	14.28
Chatting	06	6.12
Access to e-journals e-books	56	57.14
Research purpose	58	59.18
For download purpose	36	36.73
Project/seminar purpose	62	63.26
For internet phone	10	10.20
For news paper/magazine	20	20.40
For games/music	08	8.16

The Responses received regarding type of internet resources used regularly. The received responses are analyzed in the above table. 8 the 57.14 percent of faculties are using E-journals followed by 46.93% using e-books where 44.89% faculties are using Technical reports 38.77% are using conference proceedings 32.65% and 22.44% faculties are using Engineering databases and thesis & Dissertation respectively. The negligible percent i.e. 8.16 are using standards and patents so this shows that majority of faculties consults E-Journals for their purpose it is a good sign and it shows the faculties' internet to gain new & updated information for their career development.

Table 9. Type of internet Resources used regularly

Internet resources	No. Of Responses	Percentage N=98
Conference proceedings	38	38.77
Engineering Databases	32	32.65
E-books	46	46.93
E-journals	56	57.14
Standards and patents	08	8.16
Technical reports	44	44.89
Thesis reports	22	22.44

Table 10. Level of satisfaction

Level of satisfaction	No. Of Responses	Percentage N=98
Fully satisfied	16	16.32
Satisfied	52	53.06
Moderately satisfied	30	30.61
Not satisfied	-	-
Total	98	100.00

The respondents were requested to furnish the opinion regarding their satisfaction level with the information resources on the web compared with the printed sources of their library. The figures in the above table shows that the 53.06% faculties are satisfied followed by 30.61% moderately satisfied and 16.32% are fully satisfied (Table 9).

Table 11. Training for the efficient use o internet

Options	No. Of response	Percentage
Yes	46	46.93
No	52	53.06
Total	98	100.00

Faculties were requested to indicate their opinion regarding training for the efficient use of internet. The above table reveals that 53.06 percent of faculties says No whereas 46.93 percent says yes for more training to effective usage of internet (Table10).

Table 12: Problems faced while using internet

Reason (s)	No. Of Responses	Percentage N=98
Speed is low	04	4.08
Less number of computers	05	5.10
Inconvenient timings	01	1.02
Privacy problem	03	3.06
Bad connectivity	01	1.02
Power interruption	-	-

The above table shows that 5.10 percent of the respondents indicates the less number of computers 4.08 percent respondents indicates speed of the system are low 3.06 percent of faculties indicated privacy problem and each 1.02 percent says inconvenient timings and Bad connectivity problems these are the some problems faced but the faculties and the main causes for their un satisfaction towards internet facilities of their college (Table 11).

Conclusion

The internet in particular has a growing role in addressing the changing communication and information needs of engineer professionals. The exploration of its value as a tool in every day technology is as exciting asset is challenging. In the present context the study conducted to internet using pattern of engineering faculty reveals that most of the faculties of the SLNCE Raichur are using the internet to cater to their information requirements frequently. Among search engines Google and yahoo are their choice and other search engines are yet to become popular among them further a huge web resources related to engineering and technology viz gateway sites directories search engines open source journals and books databases open source software's lists e-news papers etc are available on the internet. These resources need to be brought to the knowledge of the engineering Technology/faculties for effective use of the

information superhighway. User orientation/training programmes should be organized by the college at regular intervals so that the maximum users can improve their proficiency in the use of the internet for academic purpose. Information regarding the popular and the latest websites with their addresses should be displayed on the notice board in the computer section.

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