

UTILIZATION OF ELECTRONIC INFORMATION IN ENGINEERING COLLEGES OF VILLUPURAM TALUK

Dr. K. Vijayakumar

Asst. Professor (S.G)

Department of Library and Information Science,
Annamalai University

Email ID: dr.vijay_1973@rediffmail.com

ABSTRACT

Information is considered as the first element in the search for wisdom in a human chain process. Thus, documentation produces information, which is converted into documentation and again into information. Utilization of electronic environment in engineering in Villupuram Taluk. A structured questionnaire was distributed to the selected engineering colleges in Villupuram Taluk. The primary data have been collected by questionnaire after conducted a pilot study. We found that majority of the students are having access internet thorough laptop, Mobile phone and tablet ICT development plays vital role on for accessing the information wherever need. More number of electronic communication devices are having the facility for accessing the internet. More no. of respondents are accessing e-journals, e-book and technical reports for fulfilling their requirements.

Keywords: E-resources, E-book, E-journals etc.

1. INTRODUCTION

The use of information technology and information communication technology has called for radical changes in the sphere of all the field especially in engineering, other institutions and organization. Another reasons for its application is that today large quantity of information is available. In

Any information that is available in electronic format on internet can be called as electronic information. Few electronic sources are freely available while other have charging. Various types of electronic resources are beings used by being used by the users for gathering the required information. Few examples are indexes e-

The aim of the study is to investigate the utilization of resources in electronic

electronic form and this trend will be increasing in future. To utilize this information sources computer and other accessories are essentially needed. The internet based electronic resources plays a vital role on providing the information to the users in various subjects.

resources, open access and open achieve collection, e-books, e-news paper, e-zine, webzine, news, news latter and any others electronic serial publication. Metadata sources, Multimedia materials, sound recording, image database, online database, digital repository.

environment by engineering college students in Villupuram Taluk.

2. REVIEW OF LITERATURE

Ramesh.R et al., (2010) found in their study on e-mail use behavior among the users on engineering colleges in puducherry that 95% of female and 75% on

male respondents have their own –e-mail address, 43.12% of the respondents most commonly used g-mail services of Google[1].

Nafiz zaman shuva, Rawshon akhter (2011) have conducted a study on internet usage by students of Dhaka university library. Bangladesh. It is found in their study that among the total number of 461 respondents from the faculty of arts, more than 98% of respondents use the internet for communication while 67% of respondents for academic purpose. Towards

Leela Dhar Mangi (2014) In her study conducted on the usages of e-database among the faculty of Agriculture (FOA) and Animal husbandry (FVSC& AH) OF SKUAST university can found that majority

the problems encountered using internet by the respondents found that slow internet access speed was the major problem. Regarding the opinion of the respondents on satisfaction with internet with internet facilities shared that 50% of the respondents somewhat satisfied and 7.59% were not at all satisfied with internet facilities [2].

of the FOA scientist visited the SAU Library 2-3 times in a week and once in a month for using the available e-database whereas FVSC & AH members visited 2-3 times in a week and daily respectively [3].

3. OBJECTIVES OF THE STUDY

- 1) To find out rating of the electronic resources used by the engineering students in Villupuram Taluk.
- 2) To find the awareness on e-resources, Internet facility, search engine, devices used for accessing internet.
- 3) To know the preferences given to the resources.
- 4) To identify the frequency of using and purpose of using.
- 5) To estimate the problems faced by user.

4. ENGINEERING COLLEGES IN VILLUPURAM TALUK

In Villupuram district there are more than 18 engineering colleges are providing education to the students. They are out of 18 only five of them selected for this research.

- 1) Vedhanda Institute of Technology (Villupuram)
- 2) University College of Engineering (Villupuram)
- 3) Idhaya Engineering college (Villupuram)
- 4) TSM chain College of Technology (Villupuram)
- 5) Sri Ranga Poopathi College of Engineering (Villupuram)

5. RESEARCH DESIGN

A structured questionnaire was distributed to the college students which were selected randomly for collecting the primary data. Only five engineering colleges were selected randomly for distributing the questionnaire selected statistical tool used

for analyzing the collected data. The research is limited to the engineering college students in Villupurm taluk. 147 respondents had returned the filled questionnaire so the respondent rate is 91.8%.

6. DATA ANALYSIS

Table .1: Distribution of sample issued and received in dept. wise

Department	Questionnaire issued	Questionnaire Received	percentage
ECE	32	29	20
CIVIL	33	27	19
IT	26	25	17
EEE	24	23	15
MECH	23	22	15
CSE	22	21	14
TOTAL	160	147	100

Totally 147 students had given the filled questionnaire, in ECE dept the highest respondents level 20% are recorded.

Table 2: Satisfaction level on internet facility at library

Level of Satisfaction	Respondents	Percentage
Highly Satisfaction	12	8.16
Satisfied	69	46.9
Partially Satisfied	57	38.9
Not satisfied	8	5.4
Highly Not Satisfied	1	0.7
Total	147	100

46.9% of the students satisfied on internet facility provided by the college library and only 0.7% are highly not satisfied.

Fig 1: Satisfaction level on internet facility at library

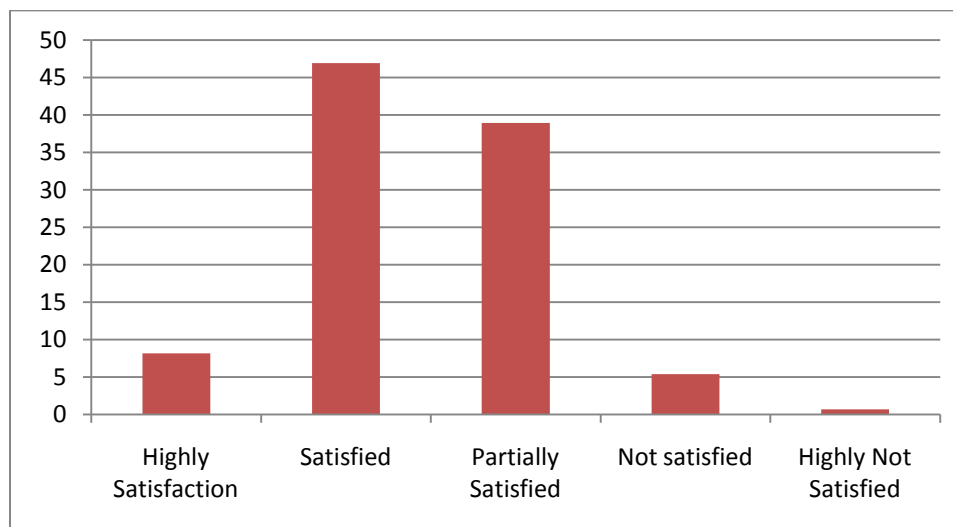


Table 3: Search Engine

Search Engine	Respondents	Percentage
Google	93	63.27
Yahoo	43	29.25
Ask	11	7.48
Total	147	100

63.27% of students are using the Google search for meeting the information, what they required.

Table 4: Devices used for accessing internet

Devices	Respondents	Percentage
Personal Computer	29	19
Laptop	130	88
Ipad	55	37
Mobile Phone	146	99
Tablet	120	82

Majority of the students are having access internet through mobile phone and laptop. ICT development plays vital role on for accessing the information wherever

need. Now majority of electronic communication devices are having the for accessing internet.

Fig 2: Devices used for accessing internet

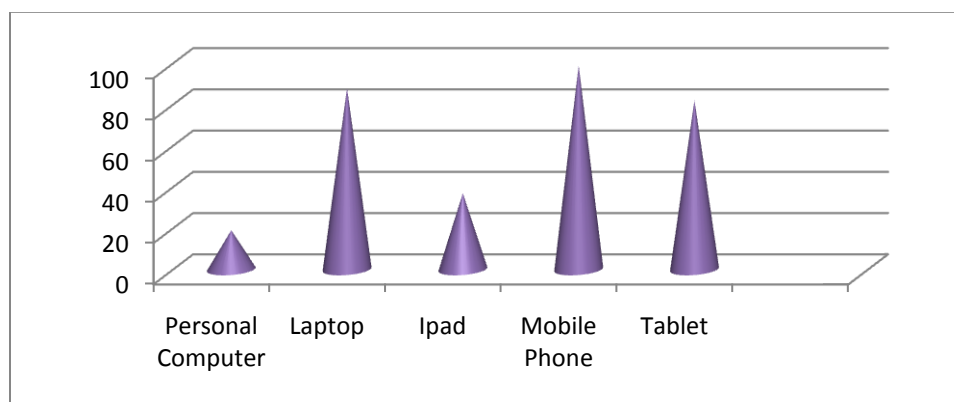
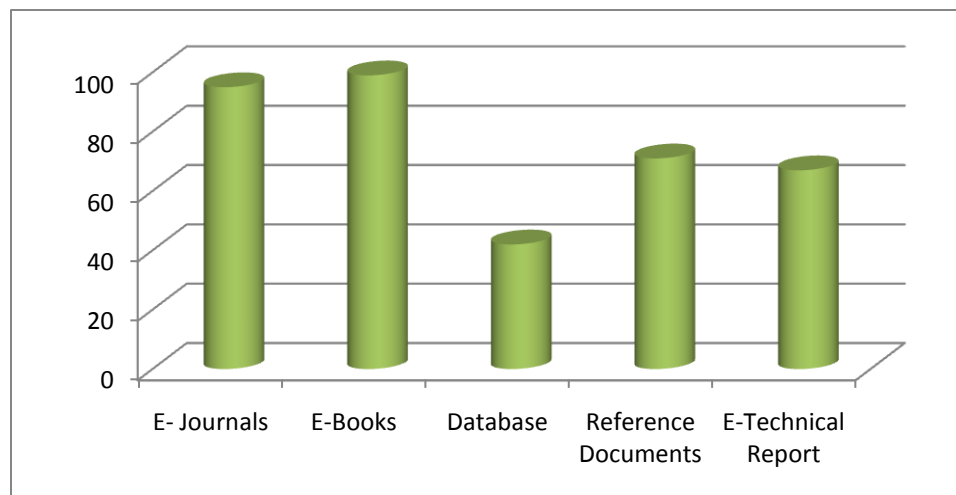


Table 5: Resources accessing in internet

Resources	Respondents	Percentage
E- Journals	140	95
E-Books	146	99
Database	62	42
Reference Documents	105	71
E-Technical Report	99	67

Majority of the respondents are accessing e-book and E-Journals , Reference documents for fulfilling their requirements.

Fig 3: Resources accessing in internet



7. CONCLUSION

Present digital era no one can get or transfer the information without help of the ICT. ICT plays vital role on helping to the information accessory for collecting the required information wherever they need.

By providing all the facility for accessing all the resources which is available in web, the information collectors will become strong in technical knowledge. The knowledge will help them for grown up everybody.

8. REFERENCES

1. Ramesh.R (2010) E-mail use behavior among the users on engineering colleges in puducherry, p-283-294.
2. Nafiz zaman shuva, Rawshon akhter (2011) Internet usage by students of faculty of arts, Dhaka university library. (Bangladesh). PEARL. A journals of library and inf. Science, 5(1) : 14-22
3. Leela Dhar Mangi (2014) utilization of databases in state agricultural universities of jammu and Kashmir (India). IOSR journal of Agriculture and Veterinary Science (IOSR_JAVS), 7(4) : 01-08.
4. Krismi prabha (2015) An Institutional repository of Indian National Agricultural research system IOSR_JAVS, 9(6): 17-20.