

Student's Perspectives About Extraction E-Resource: An Empirical Study On Under Graduate Engineering Students

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1. Introduction

Information is a crucial resource and also support for the continuous growth of any organization. No education system can stand and achieve its objectives without proper information and knowledge infrastructure. ICT playing a very important role to fulfill the information needs of users and disseminate information all over the world. The user's information seeking behavior is progressively shifting from the printed documents to electronic resources. The library users demand the resources in an electronic format. In the digital era, the World Wide Web (www) is a crucial resourceful platform for the supply of required information to the users and provides a basis for the shift from ownership of physical collections to access on demand. To fulfill the demands of users, libraries are shifting towards new media – like electronic resources for their collection development. A huge amount of money is spent on electronic resources for their collection development.

ICT has been a means to bring quality services. Systematic planning of its introduction and application will assure that the technology based information services are enhances the ability of library. In the present days, the library and information centers at global level are able to provide access to; Full text information sources with key word searching , online databases. The Indian academic libraries have been preparing themselves on a corporate basis; a platform for ICT based information services.. Breaking the distance barrier, internet has emerged as a boon to the information seekers as well as libraries. It has become popular, easy to use and inexpensive teaching and research tool.

2. E-Resources

E- Resources are the resources which can be access in an electronic format through internet, CD ROM or any other electronic format. These resources include, but are not limited to, electronic journals, E-books, databases, magazines, e maps, e-patents, e theses e dissertations etc.

Some library users are adopting electronic habits, making increasing use of the new ICT including computers, the Internet, the Web, intranet other technologies. As a result the users require access to the latest information, updated information resources and access to ICT facilities that they could use in their work. Use of ICT in libraries enhances user's satisfaction. It provides numerous benefits to library users. Some the benefits are -

- ❖ Provide speedy and easy access to information
- ❖ Provides remote access to users
- ❖ Provides round the clock 24x7 access to users

- ❖ Provides access to unlimited information from different sources
- ❖ Provides information flexibility to be used by any individual increased flexibility
- ❖ Provides increased flexibility
- ❖ Facilitates the reformatting and cumbering of data from different sources.

3. Methodology and survey design

The present study started with literature search from Google Scholar, and Emerald Insight and some international journals through DELNET (developing library Network). A questionnaire was designed for engineering college students. A well designed questionnaire was used to collect the data from an institute of Engineering and Technology. The questionnaire covered various questions relating to the responsiveness and use of e-resources. For this reason, a total of 200 questionnaires were distributed among undergraduate students. Out of 200 questionnaires, 160 valid questionnaires were collected from undergraduate students. Then data was analyzed. The response rate was 75%

Table 1

Sr. No.	Gender	Percent of Responses	Total
1	Male	75%	112
2	Female	25%	48

Aware about e resources

Table 2 shows that the awareness of e-resources among the respondents available through the library. 60 % of the male users were aware about the e-resources and 55% of female respondents were aware about the availability of e-resources. It can be shown that male respondents are more aware about the availability of e-resources than female

Table 2

Sr. NO.	Gender	NO. Of Responses	Percentage
1	Male	112(67)	60%
2	Female	48(27)	55%

Preference Level of Using E-resources

Table 3 shows that majority (30%) of the respondents wanted to access information through electronic version only, 25.00% users wanted to access information through print version and 45% of the users wanted to use information on both electronic and print version.

Table 3

Sr. No.	Resource	No. of Response	Percentage
1	Electronic	48	30%
2	Print	40	25%
3	Both	72	45%

Frequency of using e-resources

The frequency of using e-resources by the Institute of Technology & Management library users. The study reveals that majority 39.56% of the respondents used e-resources weekly, nearly 25.78% of the respondents used the e-resources daily, 19.11% respondents replayed weekly twice and 15.55% respondents used e-resources monthly.

4. Difficulties by the respondents while accessing e resources

Though e-resources have become a common source among the academic and research groups, a majority of users indicated that they faced problems while using e-resources. It is clear that the majority of respondents were not satisfied with quantity of available e-resources. The other problems faced were the content not being suited to their research area, the process being time consuming, no assistance being provided by the information professionals, and lack of training.

5. Conclusion

The usage of e resources is one of the most crucial concepts in engineering college libraries now days. Most of the engineering colleges are using e-resources on a large scale for their progress. The traditional methods of research, storage, retrieval and communication of information have changed by the fast growth of information and communication technologies and particularly internet and electronic resources. In order to retrieve relevant information, users have to make use of different types of electronic and web resources. Information

References

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has been embedded in a variety of ways and forms in various kinds of electronic resources. It is clear from the study that the younger generation generally prefers the usage of electronic resources. Many of the respondents are aware of e-resources but have not used online thesis/ dissertations, abstracts/ indices, OPAC, and online databases, which are very relevant for their study and research. So the library should take initiatives to organize orientation programs and user awareness programs in this area.

6. Suggestions

Based on the study the following suggestions were made to improve the e-resources in the engineering college libraries.

- ❖ There is urgent need to create awareness on e-resources to users.
- ❖ There is need to conduct orientation /training and information literacy programmes by the college at regular intervals, so that more users can improve their proficiency in e-resources use for academic purpose.
- ❖ There is urgent need to acquire more e-resources to the library to fulfill desires of the students of the College.
- ❖ There is urgent need provide ICT Infrastructure to the library to better serve to students.
- ❖ There is need to strengthen the library with full computer terminals/nodes to avoid the delay of the students.
- ❖ There is also urgent need to fix UPS to escape from the frequent power off.
- ❖ The library should procure more –e-books instead of e-Journals, because, students always depends upon Printed Books
- ❖ Finally, the students must be trained with ICT knowledge to utilize more e-resources.