

Impact of Use Print and E-Resources by Undergraduate Students in Engineering colleges of Mysore District: A Study

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Abstract: *The Study investigated the resources provided to the Engineering college students in Mysore district in the present print and electronic environment resources, A method of gaining knowledge access to them are discussed ,through various methods followed in the analysis the result reveals that electronic resources highly dominating print resources.*

Keywords: Print resources: Electronic Resources: Undergraduate Students: Engineering Colleges

1. Introduction

The Advance of the internet has drastic and far- reaching impacts on the knowledge and information sector and added a new measurement to information retrieval platforms changes have in information seeking attitude of students, their preference have been changed Students satisfaction level has been increasing , Now engineering college libraries have been able to provide fast and seamless access of information to its users, in the 21st century , most of the engineering libraries are being made available in electronic formats such as web based on e-books, e-journals- e-database, are moving from print to e-resources either contribute individually or e- consortia because of it is advantages over print e-resources, for this a survey is conducted to find out the use and awareness of resources (print and non print resources) available in the library for the students and the impact of these resources on their academic activities.

2. Literature Review

Ngozi Blessing Ukachi, Uloma D. Onuoha (2014), The benefits derivable from the use of libraries' EIRs by UG students can never be over-emphasized. This would not only assist them to achieve academic excellence but would in this electronic era also, equip them with the ability to face future challenges in the society on graduation. The study has established that EIRs are not adequately utilized by the UG students in the institutions in the South-West, Nigeria and, that they also have negative attitude towards the use of these resources. Attitude of UG students towards the use of EIRs has significant relationship with their actual use of the resources. Recommendations such as giving the students adequate library orientation and trainings, assisting UG students in retrieving needed information, organising routine trainings, effective teaching of use of library instruction, etc., have been made in the study. There is need for the librarians, library management, and the university management both in Nigeria and other countries having similar problems to join hands and adopt the recommendations made in this study to ensure that these variables duly investigated in the present study and found to

have significant relationship with UG students' use of libraries' EIRs are not ignored.

Nagasundara, Manjunatha and Kumar (2014) studied the perception of postgraduate students regarding internet-based information resources for achieving their academic tasks. In this study, questionnaire method was used for data collection. A total 130 questionnaires were distributed to the postgraduate students of twenty departments at University of Mysore and 123 filled-in questionnaires were received back with overall response rate of 97.69 %. The result revealed that the postgraduate students depend on numerous internet-based resources for fulfill their various academic tasks. For example 'Online dictionary' used for looking definition of concept, 'Google books' for looking required books, 'Google scholar' for looking articles, 'Virtual reference services' for looking answer to some specific questions. Search engines are the most appropriate source for accomplishing the crucial academic activities such as preparing 'Class Assignments / Seminars' and 'Academic Examination'. However, the new internet-based information resources 'Social Network Sites like Facebook are very less important sources for performing both the simple and complex academic task of the postgraduate students. Even though, the use of internet-based information resources has been increased considerably, but the traditional resources are still playing significant role than some other popular internet-based resources for performing the some specific tasks.

According to Puttaswamy and Krishnamurthy (2014) the advancement of information technology in recent years has made the information services available to the users on their desktop as well as on their laptop and hand held e-book readers. This trend has parted the way for tremendous growth of e-resources which are considered as one of the most powerful tools for the global communication and exchange of information. This has made the users to depend on e-resources for their teaching and research activities. The study aimed at finding the information seeking behavior of users in an electronic environment. This paper summarized the results of thirty six user studies conducted in the electronic environment.

3. Scope and Limitation

The scope of the study is Limited to the students Under Graduate of Engineering college students in Mysore district, among various of Affiliated Under Visvesvaraya Technological University (VTU) Belgum, Karnataka ,India .it is felt that the finding and result will reflect and represent the opinion of the Students at large,

4. Objective of the Study

The objectives set forth for the study reserved as :

- To know the attitude towards from print and Electronic information resources
- To find out which both format of information resources has more influence on Education activities
- To know the preference of students towards Print to Electronic information Resources
- To recognized which formats is regarded the best medium for delivering information to the students community

5. Methodology

This study is based on survey method and structured questionnaire was designed to fact the student’s attitude towards to print and e-resources information resources, the questionnaire consists of 12 likert type of questions on 3-point rating scale. 120 questionnaires were distributed Engineering students among several of Affiliated Under Visvesvaraya Technological University (VTU) Belgum, Karnataka, India. Out of this 120 questionnaire only 99 questionnaire (82.05) are received back and the sampling techniques that is used for the study is stratified acciendtal random sampling method, for the analysis of the questionnaire deceptive statistics and generally analysis techniques was used and the result are represented in tabular form and graphical form.

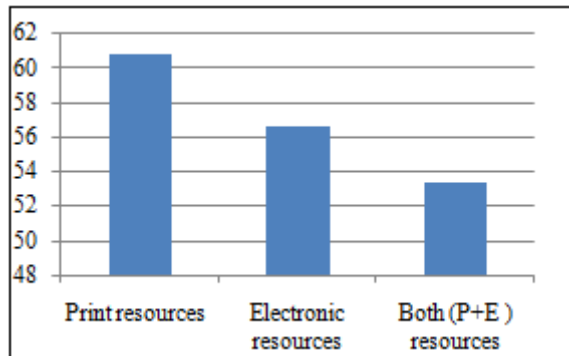
6. Result and Discussion

On the basis of the data collected, following results and discussion can easily be diagram :

1) User friendly access resources

It was asked through the questionnaire that out of print and electronic resources, which are easy to use, 73 (60.83 %) students are in favor of print resources.

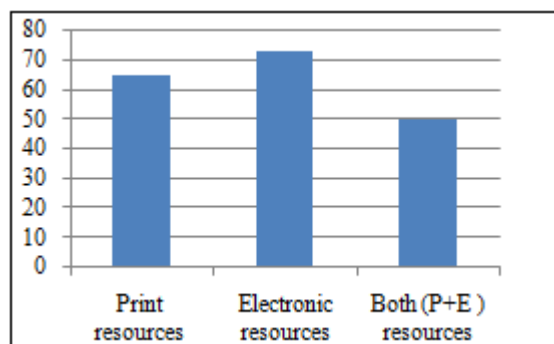
S.No.	Statement	No of students	% of students
1	Print resources	73	60.83
2	Electronic resources	68	56.66
3	Both(print and electronic) resources	64	53.33



2) Save the time of students and timely up to date information

The answer to the question “which information resources provides more timely and up –to –date information resources to their students and save the time students “states that 88 (73.33) students are in favor electronic resources, only 65 % (78) students supported print resources and rest of the 60 (50%) students are in favor of both resources.

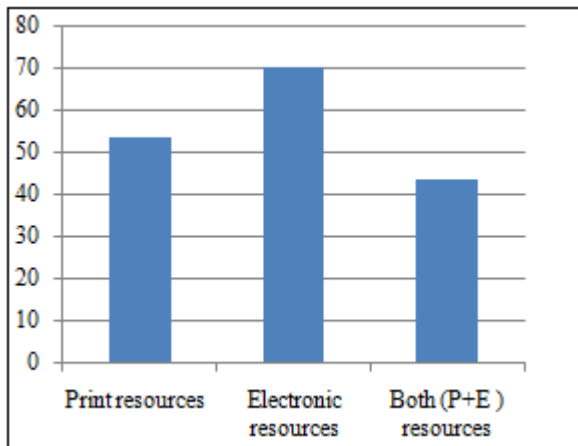
S.No.	Statement	No of students	% of students
1	Print resources	78	65.00
2	Electronic resources	88	73.33
3	Both(print and electronic) resources	60	50.00



3) Students information need /demand

The finding of the survey facts that now the larger share in fulfilling the information needs of the students are more met with electronic resources ,This shows a clear cut change from print to e- resources , the result is depicted in tabular from as :

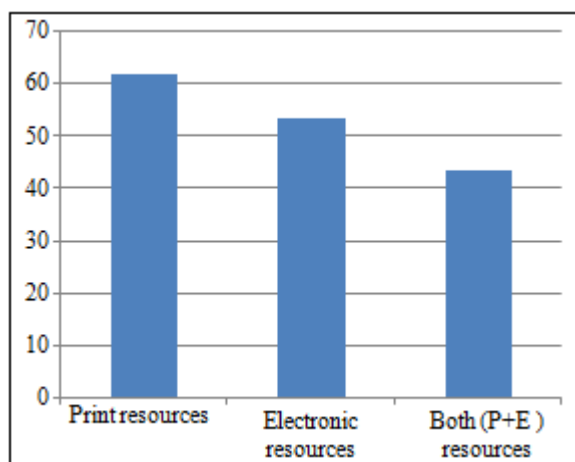
S.No.	Statement	No of students	% of students
1	Print resources	64	53.33
2	Electronic resources	84	70.00
3	Both(print and electronic) resources	52	43.33



4) Quality information resources

Student’s opinion with respect to quality information states that 74 students (61.66%) are in favour of print resources, According to them, print resources provide better quality information resources to users in comparison to electronic resources.

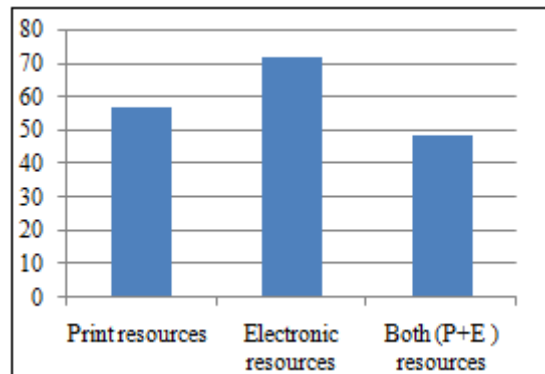
S.No.	Statement	No of students	% of students
1	Print resources	74	61.66
2	Electronic resources	64	53.33
3	Both(print and electronic) resources	52	43.33



5) Speed publishing of scholarly output

Students opinion were asked ,which information resources, they are prefer for publishing students more output, hence additional time will be saved, 86 students (71.66) preferred electronic as medium for publishing their research output.68 students (71.66) said print information resources are preferable for them ,the preference for both the category of information resources is 48.33 (48).

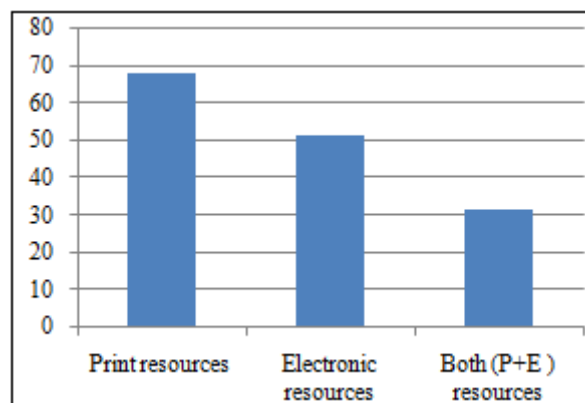
S.No.	Statement	No of students	% of students
1	Print resources	68	56.66
2	Electronic resources	86	71.66
3	Both(print and electronic) resources	48	48.33



6) Students Satisfaction

Students’ opinions were asked the question that “which information resources provide them more satisfaction, while reading, more of the students no’s 82 (68.33%) said that, students achieve and academic activities more reading with feelings more print resources.

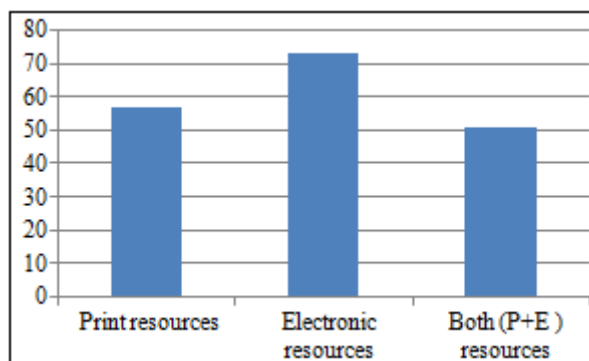
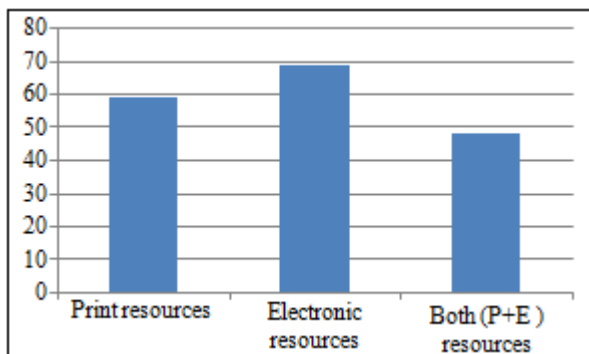
S.No.	Statement	No of students	% of students
1	Print resources	82	68.33
2	Electronic resources	62	51.66
3	Both(print and electronic) resources	38	31.66



7) Economical Factor

Students opinion were asked the question that “which information resources provide them more satisfaction ,E-journals could be distributed more economically than print journals because of the main cost preparing the text, while reading, More of the students 83 (69.16%) said that, students electronic environment very useful and academic activities more reading e- resources, write research article.

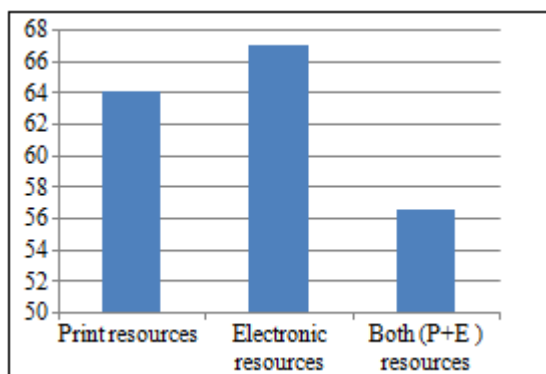
S.No.	Statement	No of students	% of students
1	Print resources	71	59.16
2	Electronic resources	83	69.16
3	Both(print and electronic) resources	58	48.33



8) Students attitude towards e-resources

When the students were asked about their preference with respect to the use of print and e- resources for their Examination research and academic activates, students carrier, the students attitude towards e-resources varies technical students are more familiar using computer, Internet, laptop, mobile etc, the result shows 77 (64.16%) prefer print resources, and 81 students (67.05%) e-resources, Rest of the 56.66% (68 users) preferred both the resources for education activities.

S.No.	Statement	No of students	% of students
1	Print resources	77	64.16
2	Electronic resources	81	67.05
3	Both(print and electronic) resources	68	56.66



9) Easy accessibility and information resources availability

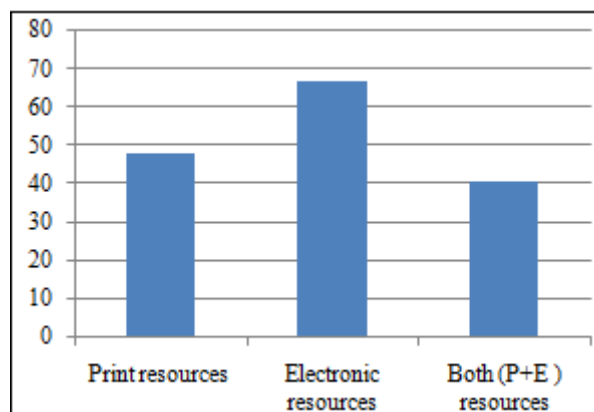
The usage of any information resources mainly depend the access and availability of that depends on resources. When users were asked which information resources is easily access and available to them in the library, 57.05 % (69) of students reported that it is the print resources that is easily accessible and available for them.73.33 % (88) students say the e-resources in favor more users, because of save the time, cost less, anywhere, anytime access available resources. for the rest of the 61 (50.83) students both the formats of resources are accessible and available.

S.No.	Statement	No of students	% of students
1	Print resources	69	57.05
2	Electronic resources	88	73.33
3	Both(print and electronic) resources	61	50.83

10) Free e- resources and free of cost technologies

Students opinion were asked the question that “which information resources provide them more satisfaction, 67.05% users (81) delivery of e- resources mainly depends on the Network types of connectivity subscribed , free e- resources , speed of the internet , bandwidth / hardware / Software interface etc, 48.33% user (58) Another important factor is day by day the cost of printed materials is becoming dearer and dearer. For the rest of the 40.83 % (61) students both the formats of e-resources are accessible less cost factor.

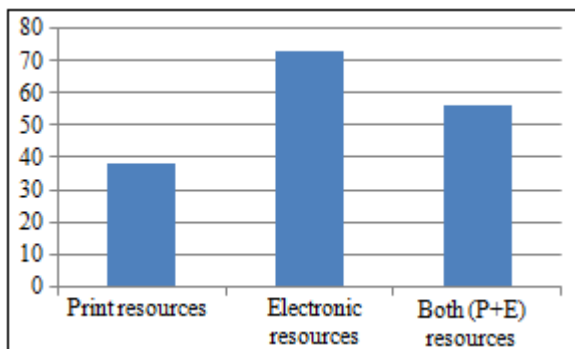
S.No.	Statement	No of students	% of students
1	Print resources	58	48.33
2	Electronic resources	81	67.05
3	Both(print and electronic) resources	49	40.83



11) Save physical factor

As far as physical comfort is concerned, 38.33 % (44) of the students says that they feel more and comfortable site library, print resources like (books , journals) as compared to e-resources information 73.33 (88) .only 56.66 (68) students are in favor of both the library information resources

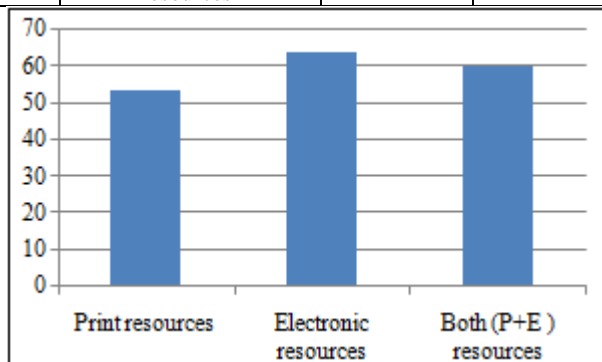
S.No.	Statement	No of students	% of students
1	Print resources	44	38.33
2	Electronic resources	88	73.33
3	Both(print and electronic) resources	68	56.66



12) Use of Information Communication Technology (ICT)

When the students were asked about their preference with respect to the use of print media and Non print media for their academic involved works, the students had the ideas that IT save the time of reader and require basic knowledge about computer, though it is highly expensive maximum numbers of students are attractive by the development of Internet and IT in the era, the result showing below 77 (64.16 %) prefer e-resources and 64 students (53.33%) print-resources, Rest of the 72 (60 %) students preferred both the resources for academic activities.

S.No.	Statement	No of students	% of students
1	Print resources	64	53.33
2	Electronic resources	77	64.16
3	Both(print and electronic) resources	72	60.00



7. Conclusion

The basically obey of this paper is to get a denotation about debate that is going on in the library and information science filed that out of the two formats of information resources, various facets of both the resources was analyzed and it was observed that though print has strong hold in some of the dominate like ease to use quality information ,students attitude , satisfaction and physical factor , cheap Information communication technology , save the time , free e-resources achieved in reading attitude habits , but it is equally become aware of that electronic information resources has a person the authority of print resources in many of the other futures, development in the information communication technology facilities available in the present made tremendous change in the library operations, it is back boon for technocrats , usage of the e-resources product enrich the knowledge of Students.

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