

IMPACT OF INTERNET RESOURCES ON ACADEMIC EFFICIENCY

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Abstract

The study on impact of internet resources on Academic efficiency conducted among student of St. Joseph college of Teacher Education for women, Ernakulam. The study explores the impact of internet on academic efficiency, quality of information retrieved through internet and benefits of e-material over print materials. The study shows that the mode of impact of internet on academic efficiency can be stated as exposure to global events and increased access to current information, Ease in research process and increased professional competency.

Keywords: Academic efficiency, internet resources, consortium, e-material

INTRODUCTION

The Internet has emerged as one of the most powerful media of communication. The Internet and associated technologies have created a global environment that has transformed the world into a global village defying the limitations of geographical boundaries. The Internet has completely revolutionized the modes and methods of the computer and communications world like never before. The Internet is an integration of several functions and services rolled into one. It is a world-wide broadcasting facility, a mechanism for information storage and dissemination, a media for electronic publishing of scholarly literature and a medium for collaboration and interaction between individuals and their computers without barriers of geographic location. The Internet represents one of the most successful examples of the benefits of sustained investment and commitment to research and development in information infrastructure.

OBJECTIVES

1. To identify the impact of Internet on academic efficiency.
2. To identify the problem faced by faculties and students in using Internet
3. To make appropriate suggestions if necessary for the improvement in use of Internet.

Methodology

For purpose of Collection of Data for this study the questionnaire method was adopted. A well structured questionnaire was designed for Teacher education trainees of St. Joseph College of Teacher Education for Women, Ernakulam while covering all the important aspects. However the objectives stated above will also kept in mind during designing of Questionnaire.

Impact of internet on academic efficiency

Respondents were asked to indicate the impact of internet on academic efficiency

Table 1 Impact of internet on academic efficiency

Sl. No	Parameters	Number of Respondents	Percentage of Respondents
1	Yes	168	100%
2	No	0	0

The data shown in table 1 reveals that all the students 100% agree that internet use has an impact on their academic efficiency.

Mode of Impact on Academic Efficiency

Respondents were asked to indicate their impact of internet on academic efficiency

Table 2 Impact of Internet on Academic Efficiency

Sl. No	Mode of impact	No of Respondents	Percentage of Respondents
1	Ease in research process	159	94.64%
2	Exposure to global events	168	100%
3	Increased access to current information	168	100%
4	Increased professional competency	137	81.55%

Table 2 shows the mode of impact of internet on academic efficiency of students are: Exposure to global events and increased access to current information 100%, Ease in research process 94.64% and Increased professional competency 81.55%.

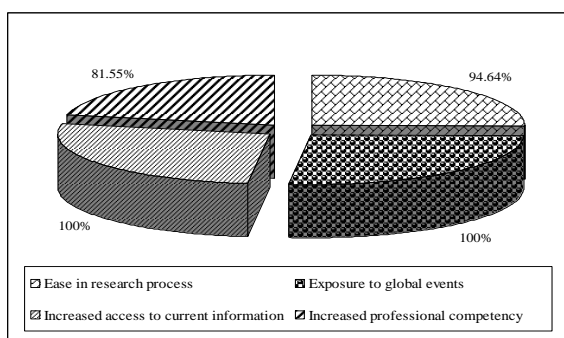


Fig. 1 Pie diagram Impact of Internet on Academic Efficiency

Level of Satisfaction

Respondents were asked to indicate their satisfaction on internet facilities.

Table 3 Satisfaction on internet facilities

Sl. No	Level of satisfaction	Number of Respondents	Percentage of Respondents
1	Fully satisfied	56	33.33%
2	Least satisfied	10	5.95%
3	Partially Satisfied	102	60.71%
4	Not satisfied	0	0

It is evident from the Table 3 that majority of the students 60.71% are partially satisfied on the internet facilities. When 33.33% of the students Fully satisfied on the internet facilities only 5.95% of students are Least satisfied on the internet facilities provided by their college.

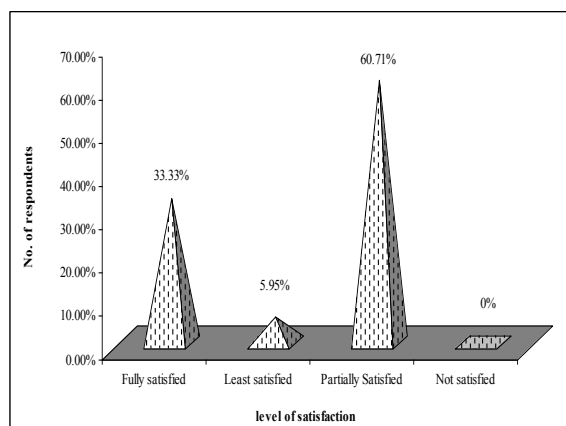


Fig. 2 Cone diagram showing Satisfaction on internet facilities

Quality or Usefulness of information retrieved through internet search

Respondents were asked to indicate quality of information retrieved through internet search

Table 4 Quality or Usefulness of information retrieved through internet search

Sl. No	Quality or Usefulness	Number of Respondents	Percentage of Respondents
1	Helpful	96	57.14%
2	Partially helpful	34	20.24%
3	Very helpful	38	22.62%
4	Not helpful	0	0

Table 4 indicates the quality of information received via internet search is Helpful for 57.14% of students, 22.62% mentioned that the quality of information retrieved via internet is Very helpful for their purpose and 20.24% opined that the quality of information received via internet search is Partially helpful.

Benefits of E-materials over Print documents

Respondents were asked to indicate the benefits of e-materials over print documents

Table 5 Benefits of E-materials over Print documents

Sl. No.	Benefits of E-materials	No. of Respondents	Percentage of Respondents
1	Ease of updating	121	72.02%
2	Time saving	151	89.88%
3	Searching Tool	98	58.33%
4	Easy to store	138	82.14%

It is clear from Table 5 majority of the students 89.88% opined that they prefer e-materials over print documents due to the factors such as Time saving followed by Easy to store 82.14%, Ease of updating 72.02%, and availability of Searching tool 58.33%.

Problems

Respondents were asked to indicate the problems faced while using internet

Table 6 Problems

Sl. No	Problem	Number of Respondents	Percentage of Respondents
1	Difficulty in finding relevant information	45	26.79%
2	Overload information on internet	68	40.48%
3	Inadequate browsing skills	12	7.14%
4	Slow internet access speed	138	82.14%
5	Delay in Internet connectivity	151	89.88%
6	Privacy problems	21	12.5%

Table 6 indicates that majority of the students faced problems such as Delay in internet connectivity 89.88%, Slow internet access speed 82.14%, Overload information on internet 40.48%, Difficulty in finding relevant information 26.79% and Privacy problems 12.5% while

using the internet.

Awareness of Consortium and Repositories

Respondents were asked to indicate their Awareness of e-resources available through consortium and repositories

Table 7 Awareness of consortium and repositories

Consortium and Repositories	Awareness		Use		Availability	
	Yes	No	Yes	No	Yes	No
Consortium						
UGC-INFONET	116 (69.05%)	52 (30.95%)	119 (70.83%)	49 (29.17%)	168 (100%)	0
OER	37 (22.02%)	131 (77.98%)	16 (9.52%)	152 (90.48%)	0	168 (100%)
Repositories						
Shodhganga	15 (8.93%)	153 (91.07%)	3 (1.79%)	165 (98.21%)	98 (58.33%)	70 (41.67%)
SIRS	11 (6.55%)	157 (93.45%)	1 (0.60%)	167 (99.40%)	0	168 (100%)

Table 7 explains that

Consortium

Majority of the students indicated their awareness on UGC-INFONET 69.05% whereas 30.95% are not aware of this consortium. When majority of the respondents 70.83% make of UGC-INFONET 29.17% do not use it. All the students opined that this consortium is available in their library. Majority of the students 77.98% are not aware of OER and 90.48% do not make use of it and all of them 100% indicated that it is not available in their library.

Repositories

Majority of the students are not aware of the repositories such as Shodhganga 91.07% and SIRS 93.45%. Majority of them do not make use of Shodhganga 98.21% and SIRS 99.40%. When majority of the students 58.33% opined that Shodhganga is available in their library, all of

them 100% agreed that the library do not provide SIRS.

Suggestions

The following suggestions are recommended to improve the use of the internet among the St. Joseph's College of Teacher Education for Women, Ernakulam.

- 1) More computer terminals should be installed in libraries for facilitating easy and quicker access to internet resources.
- 2) Computers in library should have proper antivirus installation.
- 3) Many online and important e-journals are not accessible through the college computers.
- 4) Need more online subscriptions.

Conclusion

Internet is a vast ocean of information related to almost all subjects. The present study examines that all the students use internet as their sources of information. The study also examines that the majority of the users know the benefits of e-materials and so preferred e-materials than print materials.

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