

A STUDY OF THE USE OF ELECTRONIC INFORMATION SYSTEMS BY UNDER GRADUATE STUDENTS IN THE LOYOLA COLLEGE OF ARTS AND SCIENCE, METTALA

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Abstract:- Today electronic resources were supporting the higher education in world wide. Electronic resources today became more strength of every academic activity of arts and science education. The electronic resources have provided countless opportunities to quicker accessing of information. This study aimed at finding the use of electronics resources by Loyola College of arts and science students. Majority of the respondents use electronics education purposes 0.8 percent of the students have computer knowledge among the surveyed students. All the students are aware about OPAC and E-mail Discussion, On-line data bases. The user satisfaction with e- resources was also studied.56.7 percent of the students were satisfied with the available resources in the college.

Keywords: e-resources, e-books, e-mail, e- journals etc.,

1.0 Introduction

The e-resources have made a tremendous impact on the students, this become a possible as provide a wealth of new course material and acts as a powerful supplement to the transitional ways of study and learning. It has now facilitating electronic communication, exchange of ideas and collaboration

2.0 Review of Literature

(Dillip K. Swain, K.C. Panda) this paper is to look at the prolific growth of electronic resources during the last decade. The standards and strategies are sought to access and organize the abundance of e-resources and to ensure free flow of information to the user's community. This survey attempts to measure the quantum of e-resources accessed in the academic ambience of Business School libraries in Orissa (India). Moreover, the study attempts to examine to what extent Electronic Information Services (EIS) are offered to users of Business School libraries in the State with an opinion pool of the librarians of the respective Business Schools.

(Chris Armstrong, Roger Fenton etc.,) The project, JISC User Surveys: Trends in Electronic Information Services (JUSTEIS), was funded by the Joint Information Systems Committee (JISC) and undertaken at the University of Wales, Aberystwyth (UWA). Students, academics and library staff in 25 universities were surveyed using critical incident and critical success factors methodologies to ascertain the range and nature of EIS use. Provision of these systems by higher education institutions was also investigated via an analysis of their library websites.

3.0 Objectives of The Study

To find out the extent of use of electronic library resources

To find out the frequency of usage of the electronic resources

- To study the purposes for which electronic resources are used by the students
- To find out the major electronic resources accessed by the students
- To identify the use and purpose of e-resources
- To determine the level of satisfaction among the student of e- resources
- Suggest measures for the improvement in existing library E-resources in Arts and science colleges

4.0 Methodology

This study is based on survey method and questionnaire tool. 150 questionnaire was designed, distributed, collected and tabulated from the Undergraduate students of all the departments of Loyola College of arts and science

5.0 Data Analysis

Table 1: Response rate of Students

S.No	Degree	Department	Respondents	Boys	Girls
1	B.sc	Mathematics	25	15	10
2	B.sc	Physics	25	18	7
3	B.A	English Literature	25	10	15
4	B.com	Commerce	25	15	10
5	B.sc	Chemistry	25	20	5
6	B.sc	Computer Science	25	17	8
		Total	150	95 (63.00)	55(37.00)

There are 150 structured questionnaires which were distributed among six department of Loyola College of arts and science. All the questionnaire were filled by the students and the response rate was hundred percent. 63 percent of boys and 37 percent of girls from six departments.

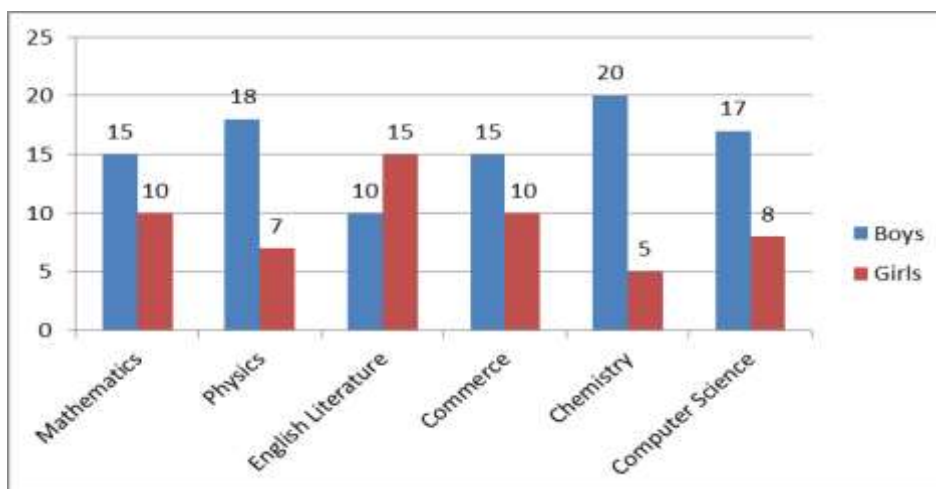


Figure: Response rate of Students

Table 2: Extent of Computer Knowledge

S.No.	Extent	No-of Students	Percentage
1	Excellent	120	80
2	Very good	20	13.33
3	Good	10	6.67
4	Fair	-	-
5	Satisfactory	-	-
	Total	150	100

The data revealed the extent of computer knowledge among the surveyed students, which shows that the majority of the students 80% have excellent knowledge in computer, 13.33 % t of the students have very good level and only 6.67% of the students are average level.

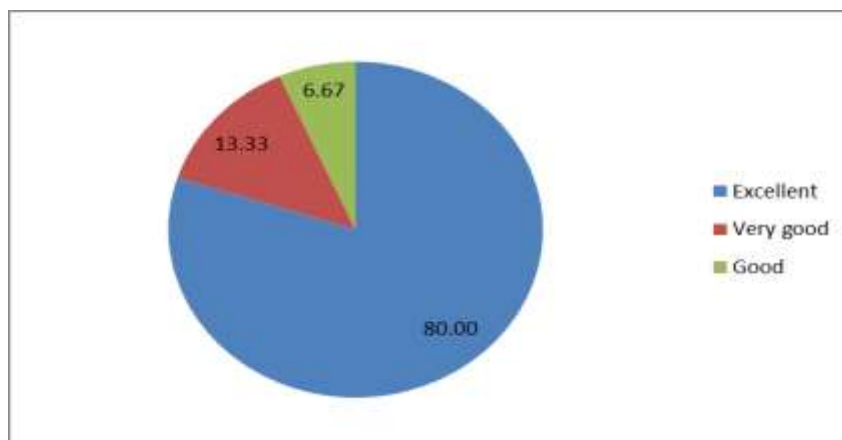


Figure: Extent of Computer Knowledge

Table 3: Awareness of E-Resources

SN	Extent							Total	Percentage
		Maths	English	Commerce	Com. Science	Chemistry	Physics		
1	E-Books	15	10	12	20	10	12	79	52.67
2	E-journals	2	1	1	2	1	2	9	0.6
3	Encyclopaedia	15	20	15	18	16	14	98	65.33
4	On-line database	14	17	19	23	21	13	107	71.33
5	E-Mail Discussion	25	25	25	25	25	25	150	100
6	OPAC	25	25	25	25	25	25	150	100
7	E-Thesis	3	2	1	5	2	2	15	0.1
8	E-Dictionaries	6	25	16	15	17	16	95	63.33

The above table declares that the trend of accessing e resources between the categories of students has been analyzed. all the students are aware about OPAC , E- mail Discussion , more than 71.33% of the students to aware about on –line database, and 65.33% of the students to aware about E-Encyclopaedia, and 63.33 % of the students aware about E-dictionaries.

Table 4: Purpose of using Internet

S.No	Purposes							Total	Percentage
		Maths	English	Commerce	Com. Science	Chemistry	Physics		
1	Entertainment	15	19	18	22	10	12	96	64
2	Others	12	10	14	20	17	22	95	63.33
3	For Preparing seminar /conference	15	20	15	18	16	14	98	65.33
4	Chatting	14	17	19	23	21	13	107	71.33
5	To update Knowledge	25	25	25	25	25	25	150	100

6	For education purpose	25	25	25	25	25	25	150	100
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The table 4 is aimed at identifying the purpose of accessing internet by the students among six departments. It is revealed that a majority of the students use internet for Education purpose , to update knowledge (100%), and for the purpose of chatting 71.33 % and for the students use in internet for preparing seminar and conference, 65.33% ,entertainment usage of the internet 64%, and others 63.33 percent.

Table 5: Advantages of accessing e-resources

S.No	Extent	Math	English	Commerce	Com. Science	Chemistry	Physics	Total	Percentage
1	Availability of much before print	15	10	12	20	10	12	79	52.67
2	Simultaneous usage	2	1	1	2	1	2	9	6
3	Easy Accessibility	25	20	23	22	24	25	139	92.67
4	Downloading Facility	25	25	25	25	25	25	150	100
5	Archival Facility	20	22	21	18	15	17	113	75.33
6	Usage in any Place	15	12	19	14	19	13	92	61.33

Today the academic activities are totally based on the internet academicians are aware that e resources are more helpful than print resources. it could be found from the above table that 100% of the surveyed students were convinced of the downloading facility of e resources and 92.67 % of the students felt that easy accessibility of the e resources and 75.33% of the students archival facility of the e – resources, 61.33percent of the students access of the usage in any place and 52.67% of the students access of the availability of the much before print and 6 % of the students were aware to access of simultaneous usage.

Table 6: Satisfaction with e-resources

S.No	Extent	Math	English	Commerce	Com. science	Chemistry	Physics	Total	Percentage
1	Fully satisfied	12	12	12	20	15	14	85	56.7
2	Partially Satisfied	10	8	5	5	5	6	39	26
3	Satisfied	3	5	8	-	5	5	26	17.3
4	Not Satisfied	-	-	-	-	-	-	-	-
	Total	25	25	25	25	25	25	150	100

The user satisfaction with electronic resource was also studied. the table 7 declares that more than 56% of the students 56.7% were fully satisfied with the available resource in the college 26% of the students were partially satisfied from the above table circuit degree students were more satisfied than non- circuit degree students.

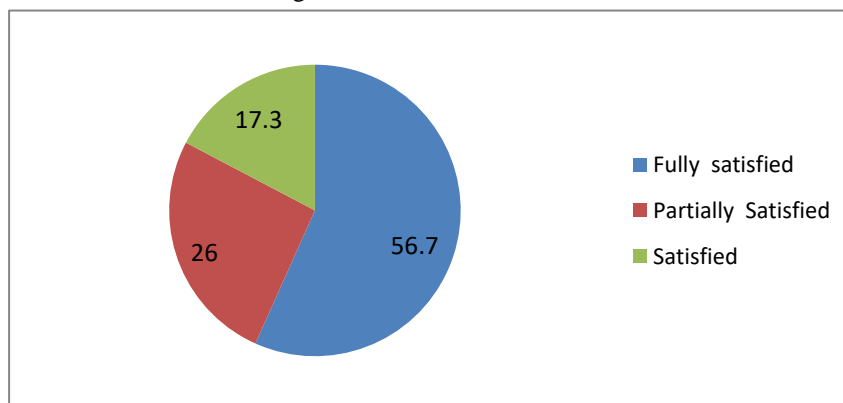


Figure: Satisfaction with e-resources

6.0 Conclusion

In the present age of digital revolution, the college students are well prepared to work in a wired and wireless world. Almost all of them have experience with e-mail and web resources. Most of the students are familiar with a wide variety of the software packages. Many of them are also well versed in peer- to-peer files sharing and online collaboration. The college may encourage using the library resources and its services more, especially the online resources, the college may also allow taking print out and facilities. It may increase the library resources are used more effectively by the students and faculty.

7.0 References

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