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ICRLIT-2019



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**Innovations and Transformations**  
**(ICRLIT - 2019)**  
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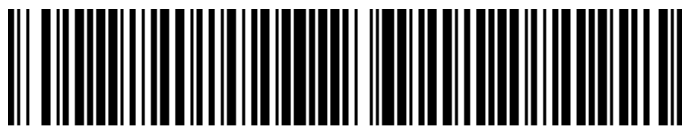
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## **Usage of Electronic Resources by AlagappaChettiar Government College of Engineering and Technology, Karaikudi-A Study.**

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### **Abstract**

*Sarada College for Women*

*This study focus about the awareness and usage of E-Learning Resources by Alagappa Chettiar Government College of Engineering and Technology, Karaikudi. Questionary method was followed in the study. A questionnaire was prepared and distributed and primary data gathered, analyzed and discussed with reference to the purpose of the study. It was found that majority of the library users are accessing, e-resources by for their research purpose.*

*Keywords: Electronic resources, INDEST user community*

### **Introduction**

Electronic information is most essential in this modern society because everyone can access everywhere. Electronic resources include electronic journal, electronic books, electronic thesis, electronics new paper, and electronics online databases. There are many thousands of journals and books are available and the number of resources is added to our collections. The concept of the library has changed and revised its role due to the Usage of electronic resources. In most of the universities, e-resources as an integral part of libraries and a sources of significant academic resources, facilitate teaching, learning and research activities. Thus electronic resources have place themselves at the top priority in almost all academic libraries.

### **User Studies**

User studies include conventional surveys of library borrowers and this may be the main form of activity. The term user studies are preferred than library surveys because studies of information needs behavior focus upon a wider range of information sources and channels rather than simply libraries. Hence a user study may be defined as a systematic study of information requirements of users in order to facilitate meaningful exchanges between information systems and users. The users community of college library include the following.

1. Research Scholars working for M.E, Ph.D degree.
2. Staff members, imparting instruction and guiding students at different levels and it different subject
3. Scholars in general, who get special privileges of using the colleges libraries

## **Objectives**

The broad objectives of the present study is to examine the Impact of Electronic Resources by Students and Staff members of AlagappaChettiar Government College of Engineering and Technology. To analyze the Distribution of Respondents Electronic Resources.

1. To study the Distribution of Gender wise Information
2. To analyze the Knowledge about Electronic Resources
3. To find Frequently of Accessing Electronic Resources
4. To find Opinion about the availability of electronic Resources
5. To identify the Purpose of Using Electronic Resources
6. To identify the Various types of Electronic Resources Used :
7. To analyze the Usage of Search Engine

## **Scope of the Study**

The scope of the present study is to examine the electronic resources in the Colleges Libraries AlagappaChettiar Government College of Engineering and Technology, Karaikudi.

## **Tools used for Collection of Data**

The data collected through questionnaire were fed into (Ms-Excel) tables and simple statistical tools were used for the calculation of average and percentages. Table and Diagrams were used for analysis and interpretation of the data collection

## **Methodology**

For the present study, a questionnaire was used for data collection. A random sampling technique was adapted to Alagappa Chettiar Government College of Engineering and Technology. The researcher has prepared well-structured questionnaire for collecting the primary data from the used of colleges. Filled in questionnaires' were received from 200 users only out of 250 users. This constitutes 90% the total response.

**Table-1 Distribution of Respondents**

S.No.	Name of the Designation	No of Respondents	Percentage
1.	Teaching Staff	50	25%
2.	Student U.G	85	42.5%
3.	Students P.G	15	25%
4.	Ph.DScholars	50	7.5%
	Total	100	100%

Electronic resources are invaluable research tools which complement-print-based resources in any traditional library. A total of 250 questionnaires were distributed among students, staff and research scholars. But only 200 fully filled in questionnaires were received back, this resulting into response rate 80%. This highest responds (42.5%) has come from the Student U.G The data is presented in table1

**1. Knowledge about Electronic Resources**

Awareness and Skills are pre-requisites for the effective use of electronic Resources. Hence, the users were asked whether they use electronic resources available in their libraries. Table2 depicts the awareness about electronic resources availability in these College Library and its usage.

**Table-2: Knowledge of Electronic Resources**

<b>Knowledge of Electronic Resources</b>	<b>Yes</b>	<b>No</b>	<b>Total</b>
Teaching Staff	46	4	50
Student U.G	80	5	85
Students P.G	10	5	15
Ph.DScholars	45	5	50

**2. Table-3 - Distribution of Gender wise Information**

<b>Respondents</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>	<b>Percentage</b>
Teaching Staff	25	25	50	25
Student U.G	50	35	85	42.5
Students P.G	30	20	50	25
Ph.DScholars	10	5	15	7.5
Total	115	85	200	100

It is found from the above table that male are dominated with 115 (62.22%) respondents while the rest is of 85 (37.78%)Female respondents. Between the categories of the respondents Teaching Staff with 50 respondents (25), but Student U.G with 85(42.5%) which is followed by P.G Students, 15(7.5%)

**Frequently of Accessing Electronic Resources**

The present study has been identified frequency of accessing electronic resources among AlagappaChettiar Government College of Engineering and Technology library users in the study

environment. It is found that, a majority of them are accessing electronic resources daily 150(75%), which are followed by weekly access 28(14%) , Fortnightly access 14(7%) and monthly access 8(4%)

**Table-4**

<b>Frequently</b>	<b>Teaching staff</b>	<b>Student U.G</b>	<b>Students P.G</b>	<b>Ph.DScolars</b>	<b>Total</b>	<b>%</b>
Daily	40	50	45	15	150	75
Weekly	5	20	3	–	28	14
Fortnightly	3	10	1	–	14	7
Monthly	2	5	1	–	8	4
	50	85	50	15	<b>200</b>	<b>100</b>

**Opinion about the availability of electronic Resources**

The overall satisfaction among the respondents in studied Students, Ph.DScolars and Staff members of AlagappaChettiar Government College of Engineering and Technology library users vary between the categories and as to the five point ratification on their extent of use of electronic resources. A Excellent number of respondents 210(46.67%), Good numbers of respondents 130(28.89%), Average number of average responds 85(18.86%), and poor number of respondents 25(5.56%). The result shoe an encouraging picture of the Student and staff members od aided colleges affiliated to Alagappa university.

**Table-5 - Opinion about the availability of electronic Resources**

<b>Opinion</b>	<b>Teaching staff</b>	<b>Student U.G</b>	<b>Students P.G</b>	<b>Ph.D Scolars</b>	<b>Total</b>	<b>%</b>
<b>Excellet</b>	25	50	10	30	115	57.5
<b>Good</b>	20	25	5	10	60	30
<b>Average</b>	5	10	–	10	25	12.5
<b>Poor</b>	–	–	–	–		
<b>Total</b>	<b>50</b>	<b>85</b>	<b>15</b>	<b>50</b>	<b>200</b>	<b>100</b>

**Table-6 - Purpose of Using Electronic Resources**

<b>Purpose of Using Electronic Resources</b>	<b>Teaching staff</b>	<b>Student U.G</b>	<b>Students P.G</b>	<b>Ph.D Scholars</b>	<b>Total</b>	<b>%</b>
<b>Research</b>	10	15	5	30	60	30
<b>Study and Teaching</b>	20	10	2	5	37	18.5
<b>Update subject knowledge</b>	10	30	3	5	48	24
<b>Writing Papers/Articles/Books /Projects</b>	10	30	5	10	55	27.5
<b>Total</b>	<b>50</b>	<b>85</b>	<b>15</b>	<b>50</b>	<b>200</b>	<b>100</b>

The table 6 shows the responds of the respondents who have knowledge about electronic resource. It is evident from the table that majority of the responses that is 60(30%) said that they were using it for research .55(27.5%) said that they were using Writing papers Articles Books Project, 48(24%) said that they were using update subject knowledge, and 37(18.5%) used it for Stydy and Teaching.

**Table-7: Various types of Electronic Resources Used :**

<b>Types of Electronic Resources</b>	<b>Teaching Staff</b>	<b>Student U.G</b>	<b>Students P.G</b>	<b>Ph.DScholars</b>	<b>Total</b>	<b>%</b>
<b>Full Text E-Journal</b>	10	10	5	15	40	20
<b>E-Books</b>	25	40	5	15	85	42.5
<b>Free E-Journals</b>	10	15	2	10	37	18.5
<b>Online Data Bases</b>	5	20	3	10	38	19
	<b>50</b>	<b>85</b>	<b>15</b>	<b>50</b>	<b>200</b>	<b>100</b>

Table 7 show that indicates the various types of electronic resources used by the respondents. Among the 200 respondents 85(42.5%) nos. of respondents using E-Books, 40(20%) nos. respondents using Full text e-Journals, free e-journals accessed by 38(19%)nos respondents frequently using online database and just 37(18.5)nos of respondents using Free e-Journals.



**Table-8 Various types of Electronic Resources Used :**

Search Engine	Teaching Staff	Students U.G	Students P.G	Ph.D.Scolars	Total	%
Google	30	35	7	20	92	46
Yahoo	10	20	3	10	43	21.5
Alta Vista	10	10	3	5	28	14
Lycos		5		5	10	5
Ask.com		10	2	5	17	8.5
Hot Bot		5		5	10	5
<b>Total</b>	50	85	15	50	200	100

Table-8 shows that the use of search engine. In this study, 92(46%) of the respondents use Google search engine whereas 43(21.5) use Yahoo. 28(14%) of the responds use Alta Vista. This is followed by 17(8.5%) use Ask.com, 10(5%) nos. of respondents Lycos, 10(5%) nos. of respondents Hot Bot.

### Findings

Following finding are derived from respondents in studied Students and Staff members of AlagappaChettiar Government College of Engineering and Technology.

Majority of respondents 85(42.5%) Students U.G has Distribution of respondents.

- Most of the research scholars and staff members 85 were using Electronic Resources in daily using.
- Most of the Students Yes Using 85(42.5%) Knowledge about Electronic Resources
- Majority of respondents in male of the Distribution of Gender wise Information 115(62.22)
- Majority of respondents in Opinion about the availability of electronic Resources 50 were using Electronic Resources in Excellent.
- Majority of Respondents in Purpose of Using Electronic Resources 30(30%) were using Electronic resources in Research.
- Most of respontents in Various types of Electronic Resources Used 40 were using Electronic resouses E.Books.
- More than 35 of the respondents use Ele3ctronicresource in Google search engine

## **Conclusion**

The use of electronic resources is found to be significant among the use of the users of the Electronic Resources by Students and Staff members of AlagappaChettiar College of Engineering & Technology. This is quite natural and expected in the present day implementation environment. Some of the resources such as e-book, e-encyclopedia, and e-dictionaries are less used. To further maximum use of the electronic resources, wide publicity and importing training are found to be necessary.

## **Reference**

1. Thanuskodi.S (2011) Usage of electronic resources at Dr.TMP Library, Madurai Kamaraj University: A case Study, DESIDOC Journal of Library and Information Technology, 31(6), 437-445
2. Swaminathan K.M.S and Dr.Raja(2015) Proceedings of the National Conference on Future Libraries: Issues and Challenges, annamalai University, Awareness and E-Learning Resources among prospective engineers: p.537-539.
3. Natarajan K. and others (2010). Use and user perception of electronic resources in annamalai University : A case study, Annals of Library and information studies, Vol 157,p.59-64.
4. Kandasamy.S and Vinitha.k Proceeding of international Conference of Re-Engineering of Library Resources and services challenges and Opportunities [ICRLRS-2016]: Annamalai University, Awareness and use of Library Information Resources and Services in Manonmaniam University, Tirunelveli:A study. P.487-490.
5. Dr.Balasubramanian.P and Bindu.S Proceeding of international Conference of Re-Engineering of Library Resources and services challenges and Opportunities [ICRLRS-2016]: Annamalai University. A study user behavior of Electronic Resources p. 457-460