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Usage Of E-Resources Among The Arts And Science College Faculties Of The Selected Colleges In Coimbatore District.

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Abstract;

The resources which store the information electronically and are accessed with the help of electronic systems and networks are called as electronic resources. The e resources are the collection of data in the form of E-Journals, E-Books, E-Databases, E-Reports, E-Thesis, E-Newspapers, Internet/Websites, CD Rom/DVDs and other portable databases. Objective of the present study is to examine the usage of electronic resources, frequency, purpose, user satisfaction and problem faced by the users using electronic resources in the faculties of Coimbatore district. The study aimed at finding their user of e-resources by the faculty members in the arts and science college libraries. 200 questions were distributed, out of which 150 were returned. The result of this survey are presented and discussed in this paper.

Keywords: e-resources, types of electronic resources, academic libraries.

Introduction

The resources which store the information electronically and are accessed with the help of electronic systems and networks are called as electronic resources. The e resources are the collection of data in the form of E-Journals, E-Books-Databases-Reports-Thesis, E-Newspapers, Internet/Websites, CD Rom/DVDs and other portable databases.

The present study is aimed at examine the usage of electronic resources, frequency, purpose, user satisfaction and problem faced by the users using electronic resources in the faculties of Coimbatore district . The study aimed at finding their user of e-resources by the faculty members in the arts and science college libraries. 200 questions were distributed , out of which 150 were returned. The result of this survey are presented and discussed in this paper.

Types of E-Resources

There are various E Resources providers viz Delnet,Thomson routers, Springer Link, J-Gate, Proquest, Blackwell ,Sage, N-List, Cambridge University press, Elsevier, Emerald, Oxford University press, Taylor and Francis, Web of science World Scientific, Wiley, Pearson.

This study will bring out the perspectives of the usage pattern and attitudes of the faculties. And also in taking into account of e-resources usage behavior of faculty members of the affiliated colleges of Bharathiar University covering e-journals, e-books, online data bases; e-articles, e-publishing, reference works and so on. This study analyses faculty member's views on opinion on use of e resources. The respondent's behavior and usage and satisfaction level and prospects of using e resources have been analyzed. Further this study analyses respondent's frequency of using various e databases.

Objective of the Study

- To study the use of electronic resources by the faculty
- To find out the purpose for using e-resources
- To find out the satisfaction level of faculty with e-resources

Methodology

To conduct the study, survey method with questionnaire tool was used. A total 200 questionnaires were distributed to the faculty of various Arts and Science colleges in around Coimbatore. However 150 questionnaires were received. Collected data will be analyzed with the help of simple percentage analysis.

Data Analysis

Table 1 Gender wise Respondents

Gender	Respondents	Percentage
Male	72	48
Female	78	52
Total	150	100

The above 1 table details the number and percentage of Male and Female respondents selected for this study. Out of 150 respondents 72 [48 %] are male and 78 [52 %] are female respondents. This clears that the female respondents were exceeding than male respondents with the count of 150.

Table 2 Educational Qualifications

Qualification	Respondents	Percentage
PG	35	23
M.Phil	72	48
Ph.D	43	29
Total	150	100

The above 2 table clarifies about the educational qualification of the selected respondents. It is interpreted that highest percentage is (48) which counts 72 respondents who have M.Phil qualification followed by 43 respondents with Ph.D which accounts for (29%). The lowest is (23%) which has the count of 35 respondents with Post Graduation degree.

Table 3 Distribution of Respondents according to their Status

Designation	Respondents	Percentage
Assistant Professor	105	70
Associate Professor	36	24

Research Paper

Professor	9	6
Total	150	100

The above 3 table gives the clean picture of the Designation status of respondents selected for the study. Assistant Professors have the highest count of 105 (70%) followed by 36(24%) of respondents are Associate Professors 9 (6%) of respondent are Professors.

Table 4   Distribution of respondents according to their experience

S.No	Teaching Experience	Respondents	Percentage
1	1-5 yrs	60	40
2	6-10 yrs	45	30
3	11-20 yrs	30	20
4	21-30 yrs	13	9
5	Above 31 yrs	2	1
	Total	150	100

The above 4 table describes respondent's Teaching .Experience in the academics. The Experience was divided into five categories which includes 1-5 yrs,6-10 yrs,11-20 yrs,21-30 yrs, and Above 31 yrs. Among them   the highest Percentage is 40 which is   from 1-5 years experienced staffs followed by 30% of staff from 6-10 years experience. And the lowest is 20 % from 11 to 20 years. 13 staff members are of 21 to 30 years experience which results 9% of the total respondents. Only 1% of the staff members are with   above 31 years experienced which results the count of 2.

Table 5 Frequency Of Library Visit By The Respondents

S.No	Frequency of Visit	Respondents	Percentage
1	Daily	65	43
2	Once in a Week	59	39
3	Fortnightly	17	11

4	Once in a Month	6	5
5	Occasionally	3	2
	Total	150	100

The above table 5 describes about the frequency of using the Library by the selected faculty members. The highest of 43 percentage   of (65) respondents who are using Library Daily. Followed by   39 percentage   of (59) respondents who are using Library once in a week. There are 11 percentage   of respondent (17) use Library Fortnightly Lowest 5 percentage of Respondents using Library once in a month whereas 3 of the respondents are using Occasionally 2%.

Table 6 Purpose of Visit the Library

S.No	Purpose of visit	Respondents	Percentage
1	Borrowing Books	68	45
2	Reference Books	57	38
3	Preparing Notes	60	40
4	Use of E-Resources	67	44
5	Inter Library Loan	2	1
6	Projects	15	10
7	Reference Journals/Publications	43	29
8	Back volume of Journals	18	12
9	Reading News Paper	59	39
10	Using Internet	75	50

It is found from the table 6 describes about Purpose of visit the Library by the selected faculty members. It is observed that highest 50 percentage   of (75) respondents are using Internet the next highest of 45 percentage   of (68) respondents are Borrowing books. There are 44 percentage 44(67)   of respondent are use of E-Resources. Faculty visit the library for preparing Notes 40 Percentage (60).39 percentage (59) faculties visit the library for Reading

News paper. 38 percentage (57) of faculties are purpose of visit using reference books .29 percentage (43) respondents using reference Journals/Publications remaining 12 percentage (18) of faculties visit the library for using back volume of Journals nest 10 percentage (15) respondents are visit the library for using projects lowest 1 percentage (2) faculties are visit the library for Inter Library Loan.

Table 7 Opinion On Library Resources

S.No	Statement	S	%	HS	%	N	%	DS	%	HDS	%
1	E-Books	52	35	90	60	5	3	2	1	1	1
2	E-Journals	59	39	84	56	7	5	-		-	
3	On line databases	62	41	55	37	24	16	7	5	2	1
4	Projects	67	45	49	33	15	10	14	9	5	3
5	OPAC Search	55	37	33	22	52	35	8	5	2	1
6	Conference/Seminar/ Patents/Standards	38	25	22	15	63	42	17	11	10	7

S-Satisfaction HS-Highly Satisfaction N-Neutral DS- Dissatisfaction HDS –Highly Dissatisfaction.

It is evidence from the table 7 Opinion on Library Resources. It is observed that 60 percentage(90) of respondents are Highly satisfied next highest 35 percentage (52) of faculties satisfied .3 percentage (5) of respondents are Neutral Dissatisfied and Highly Dissatisfied respondents are 1percentage felt about the opinion of E Books facility. Next highest 56 percentage (84) faculties are highly satisfied 39 percentage(59) respondents are satisfied neutral 5 percentage (7) faculties are felt about the E-Journals. 41percentage (62) of faculties are satisfied on line databases 37 percentage (55) respondents are highly satisfied 16 percentage (24) of respondents opinion are Neutral 5 percentage (7) faculties are dissatisfied remaining 1 percentage (2) faculties are Highly dissatisfied opinion on online databases. 45 percentage (67) respondents are availing project facilities is satisfied 33 percentage(22) faculties are highly satisfied 10 percentage (15) respondents are neutral 9 percentage (14) are dissatisfied finally 3 percentage (5) respondents are highly dissatisfied of projects.37 percentage (55) faculties are satisfied with OPAC search 22 percentage (33) are highly

satisfied 35 percentage (52)respondents felt neutral 5 percentage (8) respondents are dissatisfied remaining 1 percentage (2) of respondents are highly dissatisfied.25 percentage (38)of respondents say satisfied of conference /seminar/patents/standards 15 percentage (22) respondents are highly satisfied 42 percentage (63) faculties are neutral finally 7 percentage (10) of respondents felt highly dissatisfied of conference /seminar/patents/standards the opinion on library resources.

Table 8 Satisfaction Level on the Usage of E Resources

S.No	E-Resources	SA	%	HS	%	N	%	DS	%	NAF	%
1	Delnet	53	35	38	25	22	15	7	5	30	20
2	Inflibnet/N List	33	22	49	33	18	12	2	1	48	32
3	Epsco	37	25	42	28	15	10	1	1	55	36
4	Proquest	48	32	15	10	22	15	10	7	55	36
5	J Gate	35	23	28	19	19	13	12	8	56	37
6	Sage Online	40	27	32	21	28	19	8	5	42	28
7	Oxford University Press	33	22	29	19	16	11	4	3	68	45
8	Springer	28	19	26	17	14	9	3	2	79	53
9	Elsevier	20	13	34	23	12	8	2	1	82	55

Table 8 described the Satisfaction Level on the Usage of E Resources. It is observed that 35 percentage (53) respondents are satisfied Delnet service 25 percentage (38) faculties are Highly satisfied 15 percentage (22) respondents are Neutral 5 percentage (7) respondents are Dissatisfied remaining 20 percentage (30) of respondents felt not availing the facility . 22 percentage (33) respondents are satisfied 33percentage (49) faculties are Highly satisfied 12 percentage (18) respondents are Neutral 1 percentage (2) respondents are Dissatisfied remaining 32 percentage (48) of respondents felt not availing the facility of Inflibnet/N List.25Percentage(37) respondents are satisfied with Epsco   28percentage (42) respondents are highly satisfied 10 percentage (15) of faculties say Neutral 1 Percentage (1) respondents are dissatisfied 36 percentage (55) respondents are not avail Epsco. 32 percentage (48) respondents are satisfied with proquest 10 percentage (15) faculties are highly satisfied 15

percentage (22) respondents are neutral 7 percentage (10) of faculties dissatisfied remaining 36 percentage (55) respondents are not availing the facility of proquest.23Percentage(35) respondents are satisfied with J gate   19 percentage (28) respondents are highly satisfied 13 percentage (19) of faculties say Neutral 8 Percentage (12) respondents are dissatisfied 37 percentage (56) respondents are not availing the facility of J-gate.

27Percentage(40) respondents are satisfied with Sage on line 32 percentage (21) respondents are highly satisfied 19 percentage (28) of faculties say Neutral 5 Percentage (8) respondents are dissatisfied 28 percentage (42) respondents are not avail sage on line. 22 percentage (33) respondents are satisfied Oxford University Press 19 percentage (29) faculties are highly satisfied 11 percentage (16) respondents are neutral 3 percentage (4) of faculties dissatisfied remaining 45 percentage (68) respondents are not availing the facility of Oxford University Press. 19 percentage (28) respondents are satisfied with Springer 17 percentage (26) faculties are highly satisfied 9 percentage (14) respondents are neutral 2 percentage (3) faculties of dissatisfied remaining 53 percentage (79) respondents are not availing the facility of Springer. 13Percentage(20) respondents are satisfied with Elsevier 23 percentage (34) respondents are highly satisfied 8 percentage (12) of faculties say Neutral 1Percentage (2) respondents are dissatisfied 55 percentage (82) respondents are not availing Elsevier facility.

Conclusion

The study aimed to find out the usage of e resources by the faculty members of arts colleges, Coimbatore district Tamil Nadu. The study reveals that e resources are most useful for their academic work. The faculty members are used the e resources frequently for e journal, e book, online database and preparing notes etc. Consequently It conclude that the arts college libraries shall be strengthening more electronic resources which are most useful to the users.

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