
Use of Electronic Information Resources By the faculty and Students of Malla Reddy Group of Institutions, Hyderabad, Telangana: A study

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Abstract

The academic libraries are the Heart of any institution. The use of electronic resources of users is vital for academic library collections, services and facilities to meet their information needs effectively. This paper studies the use of e- resources of Malla Reddy Group of Institutions(MRGI) libraries, Secunderabad. For the purpose of the study a questionnaire was distributed to find out use of electronic resources and know the whether the engineering students and faculty get satisfied with the services offered by the libraries and the way of obtaining relevant information, and discover the level of satisfaction students obtain when seeking for information and determine the students opinion , suggestions while they are seeking information at Malla Reddy Group of Institutions libraries.

Keywords

Electronic Information Resources; Faculty and Students; Malla Reddy Group of Institutions; Hyderabad

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INTRODUCTION

An academic library is a library that is attached to a technical education institution which serves two corresponding purposes to support the curriculum, and to support the research of the faculty and students. Technical Education is basic and essential input for national development and for strengthening the industry, economy and ultimately improving the quality of life of the people. The advent of electronic information makes the world a smaller one and created many new services in all the walks of life. There has been a fabulous development of electronic resources in all disciplines all over the world. Library and Information science is not the exception. The modern academic library has to bring a change in their collection development policy, role of acquisition librarian, information search strategies, reference etc. The present study is aimed at examine the Awareness of usage of e- resources, frequency, purpose, user satisfaction by the faculty and students of MRGI.

REVIEW OF LITERATURE

Isibika (2018) Focused on subscribed resources, involved academic staff, undergraduate (third-year) students and postgraduate students of MU. Used a mixed-method research. Recommended that library should market its subscribed e-resources to attract more users. Originality/value many papers have been written on electronic resources, but this study specifically, and it is the first time that an investigation has been done on utilization of subscribed electronic resources by library users. RamaKrishna (2017)¹ studied to determine the awareness and usage of e-resources by the Post Graduate (P.G) students of The Oxford Group of Institutions, Bangalore. Found library should subscribe to more number of online full text e-journals and e-books required for study purpose in their area of interest of the users and extend the library timings to access e-resource for benefit of the students. Yebowaah (2017) Examine the use of electronic resources by lectures of University for Development Studies, Wa campus Primary data was collected from 80 lecturers through the use of questionnaire. Majority 88.8% of the respondents were uses of the Library and 65% were aware of the of e-resources in their Library. Suggested that awareness is high but utilization is low, and inadequate Library infrastructure, low internet band with, and inadequate trained library staff were the

major challenges confronting the use of e-resources of the Library. Recommended that put efforts to improve the use of e-resources in the Library

OBJECTIVES

To study the awareness and accessibility of the Information Resources by the Students and faculty of MRGI Libraries.

- To identify their awareness and satisfaction with regard to information sources and services available in Libraries,
- To suggest appropriate measures for the improvement of the usage of electronic Resources in MRGI Libraries

SCOPE AND LIMITATION OF THE STUDY

The study is undertaken to survey the use and user satisfaction level about library e- resources and services of faculty and students of Malla Reddy College of Engineering and Malla Reddy Institute of Technology & Science Libraries

METHODOLOGY

To conduct this study, survey method with questionnaire tool was used. A total of 400 questionnaires were distributed to the Faculty Members, and students. However, 305 questionnaires were received. This constitutes a response rate of about 76.25%. The data was analyzed and presented in the following tables.

DATA ANALYSIS

Distribution of Questionnaire

The distribution of questionnaires and response rate of the users is given in Table 1

Table 1:Distribution of Questionnaire

Details	Faculty	Percentage	S
Distribution of Questionnaires	150	37.50	
Questionnaire Received	97	31.80	208

From the above table shows that the information about questionnaires were distributed and received. A total four hundred questionnaires were distributed

and on three hundred and five questionnaires received. Out of 150 faculty members questionnaire distributed 97 questionnaires received from faculty members from various engineering departments and out of 250 questionnaires distributed to students of various departments received only 208 questionnaires

Table 2: Gender wise Distribution

Gender	Faculty	%	Students	%	Total	%
Male	64	65.98	139	66.83	203	66.56
Female	33	34.02	69	33.17	102	33.44
Total	97	100.00	208	100.00	305	100.00

Table 2 total numbers of users were 305 out of which 66.56% were male and 33.44% female users. There were majority of male users when compared to female users in the study area who have availed library resources in good number in the MRGI libraries. According to the empirical evidence, men (66.56%) out numbered women since they enjoyed more educational and promotion opportunities.

Table 3: College Wise Distributions

College	Faculty	%	Students	%	Total	%
MRCE	45	46.39	102	49.04	147	48.20
MRITS	52	53.61	106	50.96	158	51.80
Total	97	100.00	208	100.00	305	100.00

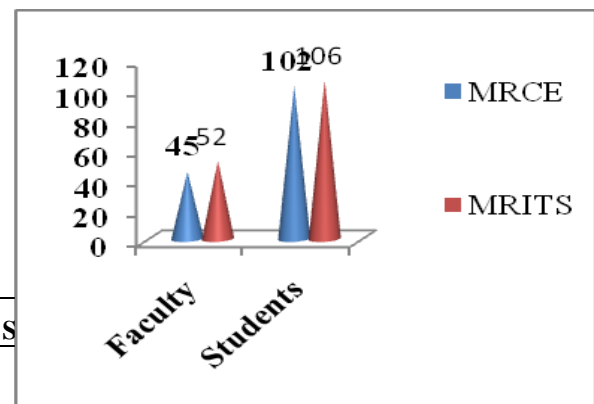


Figure: 1 College Wise Distribution

Table 3 and figure 1 describe that College wise distribution out of 97 Faculty Members 45(46.39%) from MRCE, remaining 52(53.61%)From MRITS,

while coming to Students out of 208 Students 102(49.04%) from MRCE 10(50.96%) from MRITS.

Occasionally	5	5.15	11	5.29	16	5.25
Total	97	100.00	208	100.00	305	100.00

Table 4: Frequency of library Visit

Frequency	Faculty	%	Students	%	Total	%
Daily	12	12.37	34	16.35	46	15.08
Once in a week	31	31.96	45	21.63	76	24.92
Twice in a week	15	15.46	32	15.38	47	15.41
Thrice in a week	13	13.40	32	15.38	45	14.75
Fortnightly	11	11.34	22	10.58	33	10.82
Once in a month	10	10.31	32	15.38	42	13.77

The above table shows that, frequency of library visit. The question was asked to respondents. The respondents were replied in different ways. Majority of the respondents visit the library once in a week 76(24.92%), Twice in a week 47 (15.41%), daily 46 (15.08%), Thrice in a week, 45(14.75%), once in a month, 42(13.77%), Fortnightly 33(10.82%), only 16(5.25%) of Users visit library occasionally. It can be seen that highest numbers of respondents are visiting once in a week and it says that e-resources are very necessary for their academic purpose.

Table 5: Purpose of library Visit

Purpose	Faculty	%	Students	%	Total	%
For borrowing books	14	14.43	51	24.52	65	21.31
For refer books	22	22.68	29	13.94	51	16.72
For preparing notes	9	9.28	17	8.17	26	8.52
For use of electronic resources (e-journals & e-books)	18	18.56	40	19.23	58	19.02
To use audio-visual resources	12	12.37	17	8.17	29	9.51
For use print journals	13	13.40	20	9.62	33	10.82
For use internet facility	9	9.28	34	16.35	43	14.10
Total	97	100.00	208	100.00	305	100.00

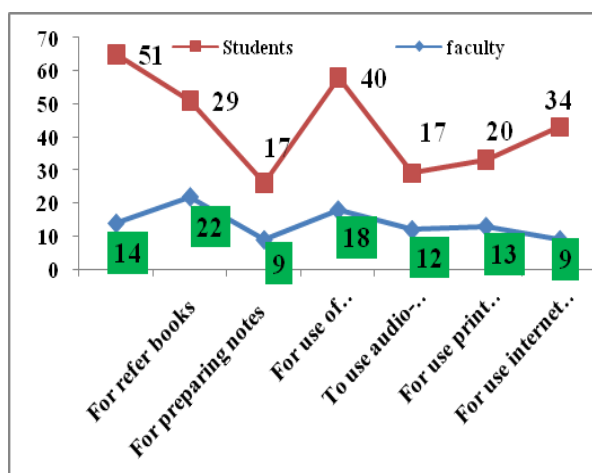


Figure: 2 Purpose of library Visit

It is evident from table 5 and figure 2 that 65(21.31%) of users visit library for borrowing books, 58(19.2%) of the users visit the library for using e- resources Purpose, 51(16.72%) for refer books, 43 (14.10%) for visit library for using Internet,33(10.82%) for Use Print journals, 29(9.51%) use audio-visual resources,26(8.52%) for preparing notes. Hence it can be concluded that the majority of the users visit library for borrowing books.

Table 6: Use of E- resources

E- Resources	Faculty	%	Students	%	Total	%
IEEE	37	38.14	34	16.35	71	23.28
N-LIST	25	25.77	60	28.85	85	27.87
J-GATE	26	26.80	64	30.77	90	29.51
DELNET	9	9.28	42	20.19	51	16.72
Others	0	0.00	8	3.85	8	2.62
Total	97	100.00	208	100.00	305	100.00

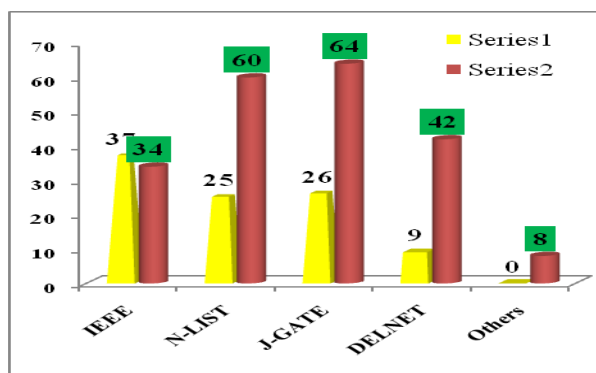


Figure: 3 Use of E- resources

It is evident from table 6 and figure 3 that 90(29.51%) of users uses J-Gate , 85(27.87%) of the users using N-List e- resources, 71(23.28%) using IEEE, 51 (16.72%) using DELNET, 8(2.62%) use other packages, Hence it can be concluded that the majority of the users using N-list e- resources.

Table 7: Opinion about the accessing E- Journals

User Opinion	Faculty	%	Students	%	Total	%
Very effective	25	25.77	30	14.42	55	18.03
Effective	32	32.99	74	35.58	106	34.75
Somewhat effective	21	21.65	68	32.69	89	29.18
Ineffective	10	10.31	24	11.54	34	11.15
Very ineffective	9	9.28	12	5.77	21	6.89
Total	97	100.00	208	100.00	305	100.00

Here table 7 shows opinion about e- resources, majority 106(34.75%) of users respond effective, 89(29.18%) of respondents somewhat effective, 55(18.03%) respondents opinioned very effective, 34(11.15%) respondents opinioned ineffective and 21(6.89%) respondents opinioned very ineffective.

Table 8: Opinion about the accessing E- Books

User Opinion	Faculty	%	Students	%	Total	%
Very effective	31	31.96	34	16.35	65	21.31
Effective	29	29.90	69	33.17	98	32.13
Somewhat effective	19	19.59	61	29.33	80	26.23
Ineffective	11	11.34	30	14.42	41	13.44
Very ineffective	7	7.22	14	6.73	21	6.89

Total	97	100.00	208	100.00	305	100.00
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Here table 8 shows opinion about accessing e- books, majority 98(32.13%) of users respond effective, 80(26.23%) of respondents somewhat effective, 65(21.31%) respondents opinioned very effective, 41(13.44%) respondents opinioned ineffective and 21(6.89%) respondents opinioned very ineffective.

Table 9: Problems faced by the users by using E-resources

Problem	Faculty	%	Students	%	Total	%
Lack of infrastructure Facility	21	21.65	37	17.79	58	19.02
Limited time to Access	38	39.18	62	29.81	100	32.79
Frequency power off	17	17.53	59	28.37	76	24.92
Low bandwidth Internet	13	13.40	32	15.38	45	14.75
Downloading Problems	8	8.25	18	8.65	26	8.52
Total	97	100.00	208	100.00	305	100.00

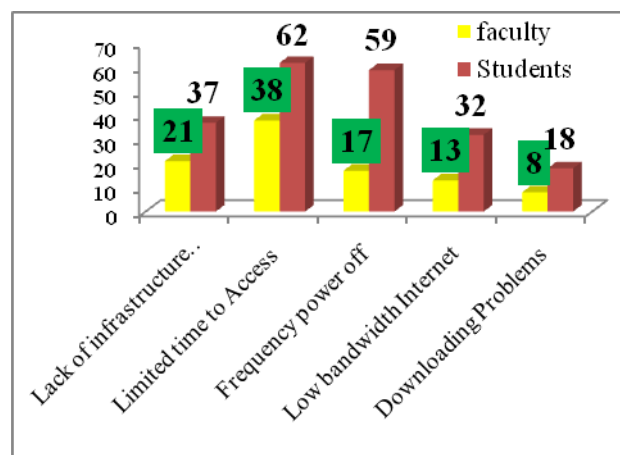


Figure: 4 Problems faced by the users by using E-resources

It is evident from table 9 and figure 4 that 100(32.79%) of the users faced Limited access to computers while accessing the e- resources, 76(24.92%) frequency of power off ,58(19.02%) faced lack of infrastructures facility, 45(14.75%) Low band width internet problem, and 26(8.52%) faced downloading problems while accessing the e- resources. Hence it can be concluded that the majority of the users facing the Limited time to access while accessing the electronic resources.

Table 10: Level of Satisfaction on using e-Resources

User Opinion	Faculty	%	Students	%	Total	%
highly satisfied	20	20.62	36	17.31	56	18.36
Satisfied	45	46.39	72	34.62	117	38.36
Neutral	10	10.31	63	30.29	73	23.93
Dissatisfied	14	14.43	29	13.94	43	14.10
Very dissatisfied	8	8.25	8	3.85	16	5.25
Total	97	100.00	208	100.00	305	100.00

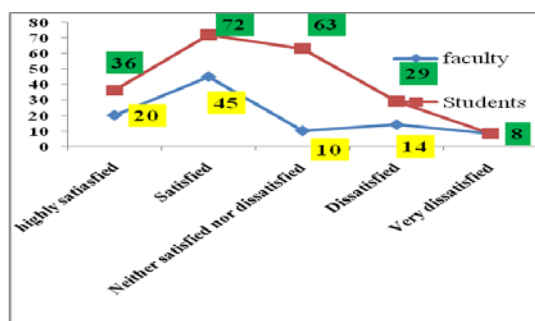


Figure: 5 Level of Satisfaction on using e-Resources

It is evident from table 10 and figure 5 that 117(38.36%) of users satisfied with accessing electronic resources , 73(23.93%) neither satisfied nor dissatisfied,56(18.36%) highly satisfied43(14.10%) dissatisfied, and 16(5.25%) of the users are very dissatisfied with electronic resources. Hence it can be concluded that majority of the students are satisfied with the Electronic resources.

FINDINGS

- Majority of the respondents visit the library once in a week 76(24.92%)
- Majority of the users visit library for borrowing books
- Majority of the users using N-list e-resources.
- Majority 106(34.75%) of users respond effective while accessing e- journals
- Majority 98(32.13%) of users respond effective while accessing e- books
- Majority of the users facing the Limited time to access while accessing the electronic resources.

- Majority of the students are satisfied with the Electronic resources.

SUGGESTIONS

Based on the finding of the study, the following suggestions are forward to improve the use of e-resources by users in Malla Reddy Group of institutions

- E- Resources should be made easy to use and easy to learn users.
- Awareness should be generated on the online journals to obtain current information.
- User friendly training programmes regarding on how to use e- resources effectively should be organized at regular intervals.
- Awareness programmes are conducted by the faculty in collaboration with the Library staff to know more about the current affairs in the subject and other important measures for the best utilization of the e- resources in the College Library.

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