

## USE OF CONSORTIA BASED RESOURCES IN SELECTED LIBRARIES OF NATIONAL CAPITAL REGION: A STUDY

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**Received: 07 Aug 2018**

**Accepted: 10 Aug 2018**

**Published: 18 Aug 2018**

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### **ABSTRACT**

*The main purpose of this paper is to examine the use of consortia based resources in the selected state university libraries of national capital region by research scholars and post graduate student. It mainly describe that users are having knowledge about consortia based resources or not, what are the reasons, for using consortia based resources and how they are getting benefit while using consortia based resources.*

**KEYWORDS:** *Libraries, Information Technology, Consortia, Co-operation, E- Resources*

### **INTRODUCTION**

The primary purpose of a library consortium is to share resources including books and periodicals among member libraries of consortia. In the present time, the researchers, students or in other word users of library and information center are searching pinpointed, exhaustive, expeditious and research-oriented information sources for their study. To carry through completion the information requirement of the researchers, libraries are required to give maximum content searching facility to users on their topic. Nowadays, the library and information Professionals are facing the problem of user satisfaction towards their required documents or study materials, within the limited budget of a library. To solve this problem more effectively, the librarians are now adopting the technologies such as procurement of digital content and are focusing on E- Journals subscriptions through the consortium. The consortium is a system where two or more libraries are cooperated and coordinated with their resources with member libraries. With the help of consortia, the member libraries access more journals more e- resources in less amount. With the help of consortia based resources, researchers can access information resources quickly at the same place and the same time.

### **REVIEW OF LITERATURE**

Following are selected review of the related literature with my study:

Kumar, (2013) in this paper the author wants to briefly explain about a concept, need, factors, advantages, disadvantages and models of library consortia.

Goria, (2012) this paper briefly describe about the popular library consortia in India. The author wants to describe about that how technology can increase the utilization of e- resources. Author suggested that users should be adopted latest

technology for finding their resources. These technologies will also contribute in education, research and development of the country through giving the right information to right users at right time.

Arora and Trivedi, (2010) in this article the author describes about major functions, activities and services of the INDEST-AICTE Consortium. The paper is also briefly touches upon resources subscribed, terms of licenses, membership programmes including core members, policies and practices for archival back-ups, AICTE-supported institutions and self-supported category of membership. The article discusses about outlines governing structures of the Consortium and their roles. It explains strategies used for effective implementation of Consortia amongst member institutions and spells out its future Endeavour's.

Walmiki, Ramakrishnegowada & Prithviraj, (2010) The main purpose of this article is to define about the awareness of faculty member of Karnataka State University towards UGC- Infonet Digital Library Consortium. Author has also explained that, how UGC-Infonet Digital library Consortium formed and when it came in knowledge. In this paper, we can find the number of Journals which are included in this consortium and how many universities are the member under this consortium.

Arora, (2009) the author discussed in this article about the economics of the UGE-INFONET Digital Library Consortium and outline model for implementation of college library consortium. The article has also discussed on future endeavors of the UGE-INFONET Digital Library Consortium.

Moorthy, (2009) in this paper the author briefly discusses about the consortia initiatives taken at defense research and Development Organization (DRDO), which is a premier research organization of ministry of defense, engaged in the indigenous development of cutting-edge defense technologies.

Madhusudhan, (2008) in this article the author want to explain the use of UGC-Infonet e-journals consortium by research scholars and students. The main purpose of this article is to identify the needs and requirements of users and to know about the use of UGC-Infonet Library and Information Science e-journals in the University of Delhi by research scholars and students of DLIS in particular.

Bansode, (2007) in this paper the author has explained about the library consortia in India, its issues and prospects. Author has discussed that consortia in India is doing well and a lot of libraries are getting benefit from consortia based resources. But the author has also mentioned that how consortia based resources are not free from problems. Under this paper, author has also briefly explained about some big working consortia in India.

Biswas and Dasgupta, (2003) in this article the author discussed on the concept and significance of resource sharing in Indian context with a view to justify on the basis of infinity growth as well as diversity of explicit knowledge, limited budgets, increasing prices for subscribing periodicals, increased users' demands and purchasing books, etc. these papers suggests that resource sharing is a good concept for cooperation through library consortia in the networked information environment. This paper has also covered merits and demerits of library consortia and discussed about the future prospects of consortia in the Indian scenario.

Ghose, (2002) in this paper the author wants to explain that India is a developing country and we have to do work for improving our infrastructure and technology for better services of libraries to meet the demands of our scientists and researchers by taking the lead from the developed countries. Author has also described about how the libraries are sharing

their resources by the consortium in India. Author said that strong resource sharing activities among libraries are a most important prerequisite for a successful consortium.

Pandian, Jambhekar and Karisiddappa, (2002) this article provides a framework for the design and development of an intranet model, based upon the consortia approach. Under this model, member libraries can access and use the information resources by a single Web-enabled window. Under this window, they cannot access only to their own resources but sources in the other institutions as well as member libraries. It will work as a bridge that fills the gap between rich information resource centers and information deficient libraries. It will share access and optimum utilization of information resources at the affordable cost.

## **OBJECTIVES OF THE STUDY**

The main objectives of the study are

- To find out knowledge about consortia based resources by research scholar and postgraduate students.
- To find out the data of users for using consortia based resources in selected libraries.
- To find out the data about, why users are not using consortia based resources.
- To find out the data about, why users are using consortia based resources.
- To find out the data that, how many users are aware about consortia based resources.
- To find out the opinion of users regarding consortia based resources whether to saving money of organization or not.
- To find out the opinion of students that consortia based resources, providing the best facility for research work

## **SCOPE**

The scope of the study is a concern with the selected institutes and universities which are using the consortia based resources in their libraries. This study covered only selected libraries of the National Capital Region. I have covered the universities and institutions that are under the state government.

## **RESEARCH METHODOLOGY**

For this study, a questionnaire was designed (for the users who are in Post Graduation and Research Scholar in selected libraries of the national capital region), and 150 such questionnaires were distributed and after a regular visit and repeated requests, 100 (duly titled in the questionnaire) were received back. 50 from research scholars and 50 from post-graduate students, for each selected library. The response percentage of a questionnaire is 66.66% which will represent 100% opinion of the users. The questionnaire is circulated between April'2017 to August'2017 and the data was analyzed on that basis. The questions are covering information regarding knowledge about the library consortia, a reason for using consortia based resources or not, opinion toward consortia based resources that whether they are saving the money of organizations or not and consortia based resources providing best facility for researchers or not.

**Note:** I have taken some abbreviations for data analysis which are as follow:

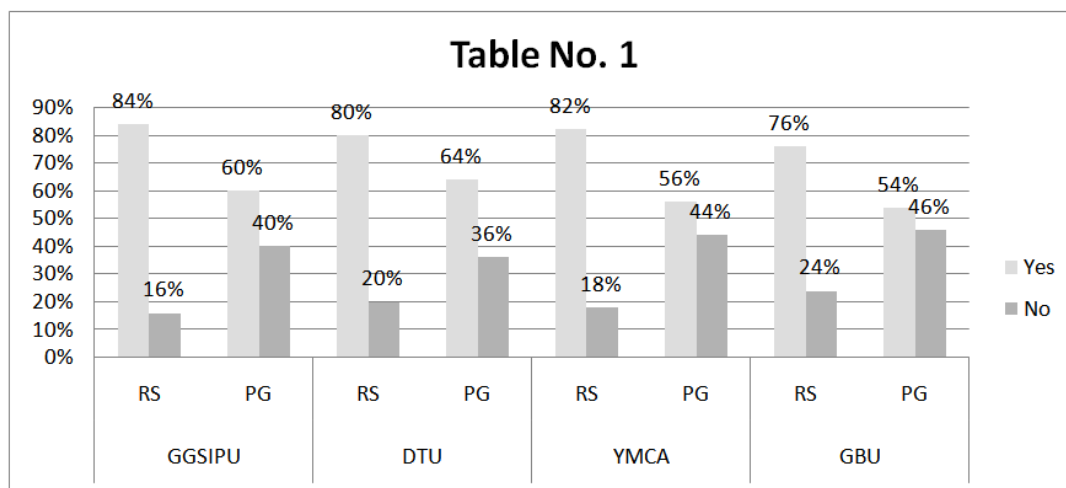
**RS-** Research Scholar, **PG-** Post Graduate students, **GGSIPIU-** Guru Gobind Singh Inderprastha University, **DTU-** Delhi Technical University, **YMCA-** YMCA University of Science and Technology, **GBU-** Gautam Budha University., **OPAC-** Online Public Access Catalogue.

## DATA ANALYSIS

Following the data and its analysis which is being collected by questionnaire

**Table 1: Knowledge about Library Consortia**

Knowledge about Consortia	GGSIPIU		DTU		YMCA		GBU	
	RS	PG	RS	PG	RS	PG	RS	PG
Yes	42 84%	30 60%	40 80%	32 64%	41 82%	28 56%	38 76%	27 54%
No	08 16%	20 40%	10 20%	18 36%	09 18%	22 44%	12 24%	23 46%



**Figure 1**

In this table, a question is asked from research scholars and posts graduate students that whether they know about consortia based resources or not. It was found that research scholars with 84% in GGSIPU, 80% of DTU, 82% of YMCA and 76% in GBU responded that they know about consortia based resources. About 16% of GGSIPU 20% of DTU, 18% of YMCA and 24% respondent of GBU do not have knowledge about consortia based resources.

While as 60% of postgraduate student of GGSIPU, 64% of DTU, 56% of YMCA and 54% of GBU responded that they know about consortia based resources. Whereas 40% of GGSIPU, 36% DTU, 44% of YMCA and 46% of GBU said that they don't know about consortia based resources.

It is overall observed that the majority of the research scholars who know more about consortia based resources than postgraduate students. The percentage of Research scholars was 80.50 % and PG was 58.50%.

**Table 2: Become Awareness about Consortia Based Resources**

Awareness means	GGSIPIU		DTU		YMCA		GBU	
	RS	PG	RS	PG	RS	PG	RS	PG
Using search engines	6 12%	3 6%	7 14%	5 10%	6 12%	4 8%	6 12%	4 8%
Searching library OPAC	4 8%	3 6%	5 10%	3 6%	5 10%	3 6%	4 8%	2 4%
Library / consortia mail alert	8 16%	4 8%	10 20%	7 14%	10 20%	6 12%	9 18%	6 12%
Announcement of journals	4 8%	2 4%	1 2%	3 6%	3 6%	1 2%	2 4%	
Cited in a report / journal / conference paper	3 6%				2 4%			
Referred by the librarian / information specialist	15 30%	8 16%	12 24%	8 16%	11 22%	9 18%	13 26%	9 18%
Any other								

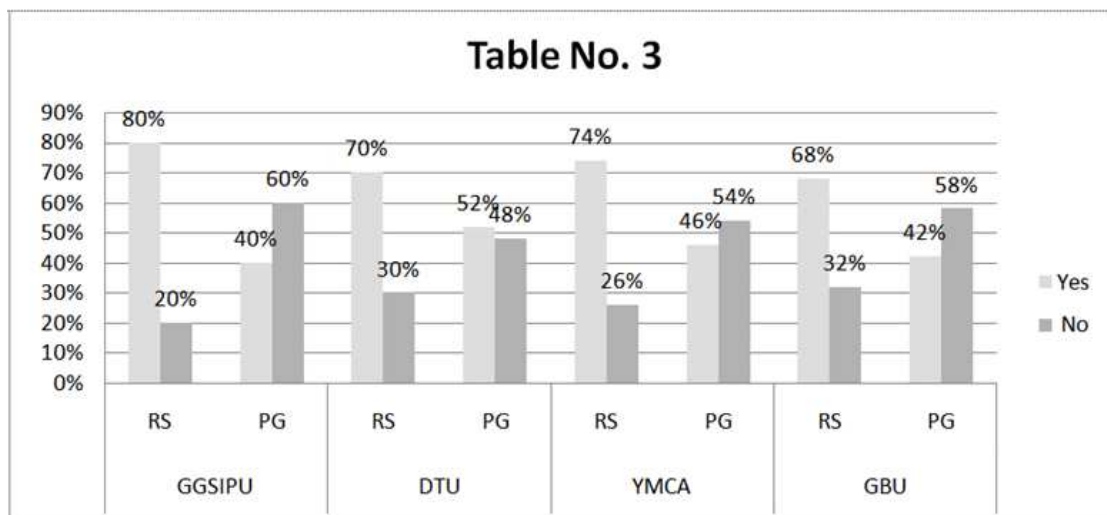
The investigator asked the respondents that how the users are aware about consortia based resources. The overall percentage of research scholars of all selected libraries are, 12.5% of users said that they aware about consortia based resources through using search engine, 9% were aware through searching library OPAC, 18.5 % were aware through Library/consortia mail alert, 5% were aware through announcement of journals, 2.5% were aware through cited in a report/journal/conference paper, and 25.5% were aware through referred by the librarian/information specialist.

While the overall percentage of respondent of all postgraduate students of selected libraries is 8% students who said that they got awareness about consortia based resources through using search engine, 5.5% were aware through searching library OPAC, 11.5% were aware through Library / consortia mail alert, 3% by announcement of journals and 17% were aware if referred by the librarian/information specialist.

The majority of the students of both research scholars and postgraduate students found awareness about library consortia if referred by the librarian and the percentage was 25.50% of Research Scholars and 17% of postgraduate students, the second awareness source was library / Consortia mail alert. 18.5% of Research scholars and 11.50% of Post Graduate students talked about this.

**Table 3: Using of Consortia Based Resources**

Using Consortia Based Resources	GGSIPIU		DTU		YMCA		GBU	
	RS	PG	RS	PG	RS	PG	RS	PG
Yes	40 80%	20 40%	35 70%	26 52%	37 74%	23 46%	34 68%	21 42%
No	10 20%	30 60%	15 30%	24 48%	13 26%	27 54%	16 32%	29 58%

**Figure 2**

The opinion of the respondent regarding the use of consortia based resources by research scholars and postgraduate students is 80% of research scholar in GGSIPU, 70% of DTU, 74% of YMCA and 68% in GBU respondents said that they are using consortia based resources in the library. About 20% of GGSIPU 30% of DTU, 26% of YMCA and 32% respondent of GBU are not using consortia based resources

While as 40% of postgraduate students of GGSIPU, 52% of DTU, 46% of YMCA and 42% of GBU respondent said they are aware about using consortia based resources. Whereas 60% of GGSIPU, 48% DTU, 54% of YMCA and 58% of GBU said that they don't know about consortia based resources and they are not using consortia based resources.

It is observed that majorly the research scholars were using consortia based resources than postgraduate students. The percentage of Research scholars was 73 % and Postgraduate students were 45%. The post graduate student percentage is very low, then research scholars. It shows that the postgraduates are not interested for using consortia based resources.

**Table 4: Reasons for Not Using Consortia Based Resources**

Reasons	GGSIPU		DTU		YMCA		GBU	
	RS	PG	RS	PG	RS	PG	RS	PG
Do not familiar about using consortia based resources	3 6%	15 30%	5 10%	13 26%	3 6%	14 28%	5 10%	17 34%
Do not find resources according your need	2 4%		4 8%		5 10%		7 14%	
Unsatisfactory services								
Not interest to use consortia based resources	2 4%	8 16%	3 6%	7 14%	4 8%	8 16%	2 4%	8 16%
Need for training	2 4%	5 10%		2 4%		4 8%	2 4%	4 8%
Not many titles are available related my study	1 2%	2 4%	3 6%	2 4%	1 2%	1 2%		
Any other reason								

Research scholar and postgraduate students were asked that if they are not using consortia based resources then, what is the reason for not using, the overall percentage of research scholars of selected libraries is 8% research scholar said that they are not familiar about using consortia based resources, 9% said that they do not found resources according to their

needs, 5.5% students gave their opinion that they are not interested in using consortia based resources, 2% of students said that they require training to use it and 2.5% of students said that many titles are not available related to their study. While 29.50 % of postgraduate students said that they are not familiar about using consortia based resources, 15.50 % students gave their opinion that they are not interested to use consortia based resources, 7.5% of student said that they require training in using it and 2.5% of students said that many titles are not available for their study.

The above analysis concludes that the major reason of the research scholars for not using consortia based resources is, they are not finding resources according to their needs, the 9% of research scholars gave their opinion about this option, the second biggest reason was that, they were not familiar about using consortia based resources, the percentage was 8% of respondents. The majority of postgraduate students opinion was, 29.50 % of users said that they are not familiar about the use of consortia based resources, and the second biggest reason was that the users are not interested to use consortia based resource, the 15.50% of students said about this option.

**Table 5: Reasons for Using Consortia Based Resources**

Reason	Always							
	GGSIPU		DTU		YMCA		GBU	
	RS	PG	RS	PG	RS	PG	RS	PG
Easy to access	20 40%	7 14%	11 22%	10 20%	12 24%	9 18%	14 28%	8 16%
Ease of literature browsing	8 16%	6 12%	8 16%	8 16%	11 22%	7 14%	9 18%	4 8%
Ease of search								
Ease of reading and comprehension	7 14%	6 12%	11 22%	5 10%	10 20%	6 12%	7 14%	7 14%
Probability of finding useful information by chance	3 6%	1 2%	5 10%	3 6%	4 8%	1 2%	4 8%	2 4%
easy and faster access about global scenario								
Any other								

Research scholars and postgraduate students were asked that what is the reason for using consortia based resources was. The overall opinion of the researchers of all selected libraries, regarding using consortia based resources was 28.50% of student who said that this is easy to access, 18% said that this is ease of literature browsing, 17.50% of students gave their opinion that is ease of reading and comprehension, 8% said that there is more probability for finding useful resources. Only 4% of research scholars from GGSIPU said that they get information by chance.

While the postgraduate student's opinion for using consortia based resources was that, 17% of students said that it is easy to access, 12.50% of students said that it is easy for literature browsing, 12% of students said that it is ease of reading and comprehension, and 3.50% of students said that there is more probability for findings useful resources.

From the analysis it is observed that the majority of the students who are using consortia based resources is 28.50% of research scholars said that consortia based resources are easy to access and second majority of the students opinion is, 18% of students said that consortia based resources are ease of literature browsing and the same opinion of postgraduate student is here, 17% of students said that consortia based resources are easy to access and 12.50 % students said that it is easy to literature browsing.

Table 6: Consortia save Institutional Money

Saving Money through Consortia	You think that Consortia based Resources saving Money of Institution:							
	GGSIPU		DTU		YMCA		GBU	
	RS	PG	RS	PG	RS	PG	RS	PG
Yes	35 70%	15 30%	28 56%	17 34%	29 58%	15 30%	26 52%	14 28%
No	5 10%	5 10%	7 14%	9 18%	8 16%	8 16%	8 16%	7 14%
No knowledge	10 20%	30 60%	15 30%	24 48%	13 26%	27 54%	16 32%	29 58%

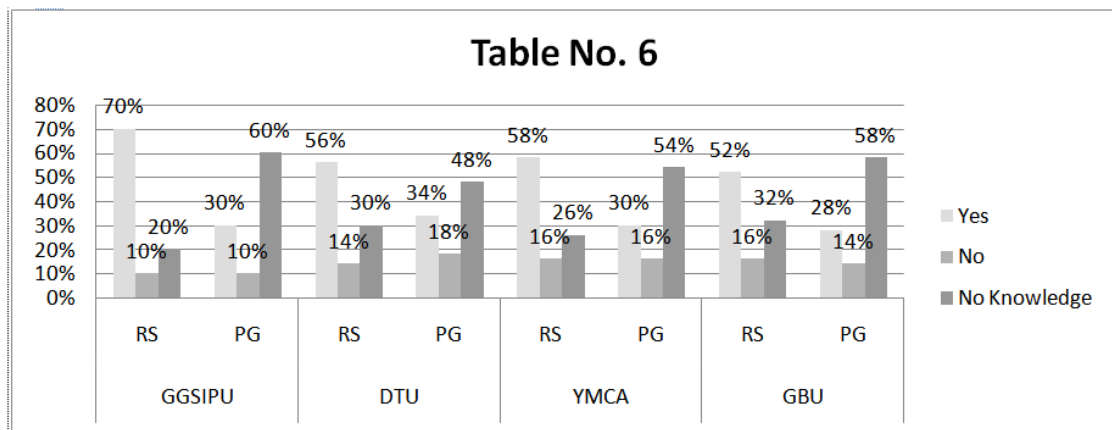


Figure 3

The investigator asked the question from the respondent that, if they think that consortia based Resources are saving money of organization or not. There we can find in table no. 6 that the percentage of research scholars is 70% of GGSIPU, 56% of DTU, 58% of YMCA and 52% of GBU said that the consortia based resources are saving money of organization. While as 10% of GGSIPU, 14% of DTU, 16% of YMCA and 16% of GBU said that they don't think that consortia based resources are saving money of organization, however 20% of GGSIPU, 30% of DTU, 26% of YMCA and 32% of GBU said that they don't know about it.

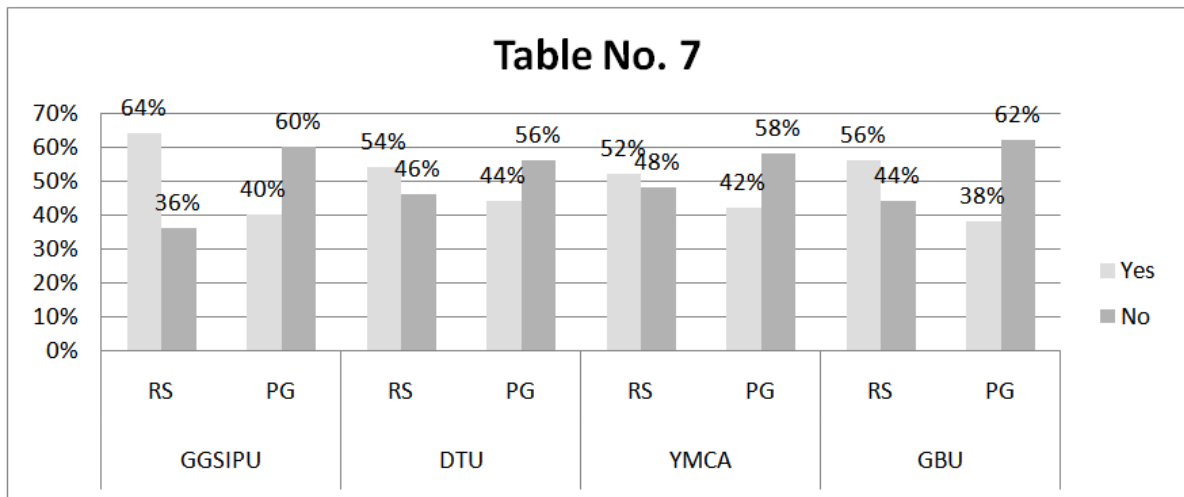
The opinion of postgraduate students was 30% of GGSIPU, 34% of DTU, 30% of YMCA and 28% of GBU said that the consortia based resources saving money of organization. While 10% of GGSIPU, 18% of DTU, 16% of YMCA and 14% of GBU students said that they don't think that consortia based resources are saving money of organization, while 60% of GGSIPU, 48% of DTU, 54% of YMCA and 58% of GBU students said that they don't know about it.

It is noticeable that the majority of students of research scholar who said that, they think that consortia based resources are saving money of organization, the overall percentage is 59% but the majority of the students of postgraduate students, who said that they don't have any knowledge if consortia based resources are saving money or not of organization, the 55% of postgraduate students gave their opinion for it. This is a matter for thinking that why Post Graduate students are not taking interest in using consortia based resources.



**Table 7: Consortia Resources Providing Best Facility for Researchers**

	GGSIPU		DTU		YMCA		GBU	
	RS	PG	RS	PG	RS	PG	RS	PG
Yes	32 64%	20 40%	27 54%	22 44%	26 52%	21 42%	28 56%	19 38%
No	18 36%	30 60%	23 46%	28 56%	24 48%	29 58%	22 44%	31 62%

**Figure 4**

The investigator asked the question from users that are consortia based resources providing the best facility for research or not. The responses of research scholar were 64% of GGSIPU, 54% of DTU, 52% of YMCA and 56% of GBU students said that the consortia based resources are providing the best facility for research. While 36% of GGSIPU 46% of DTU 48% of YMCA and 44% of GBU students said that they don't think about that consortia based resources are providing the best facility for research. However the postgraduate students opinion was, 40% of GGSIPU, 44% of DTU, 42% of YMCA and 38% of GBU students said that consortia based resources are providing the best facility for research, however 60% of GGSIPU, 56% of DTU, 58% of YMCA and 62% of GBU students said that consortia based resources are not providing the best facility for research.

So it is clear that the research scholars were agreeing that consortia based resources are providing the best facility for research, the overall percentage was 56.50%, but the major opinion of postgraduate students was that, they don't agree that the consortia based resources are providing the best facility for research the percentage was 59% of user said about this. Here we should find some solution for changing postgraduate students opinion towards using consortia based resources.

## FINDINGS

There are following findings from the study:

- Majority of the research scholars who know about the consortia based resources but there is very less percentage of postgraduate students who know about the consortia based resources.
- Research scholars are using more consortia base resources than postgraduate students.

- Maximum research scholar said that, the main reason for not using consortia base resources is, they don't find the resources according to as per their need, and maximum post graduate said that, they are not familiar about the usage methods of consortia base resources.
- Maximum research scholar said that the consortia base resources are easy to access and the same opinion is of postgraduate students.
- About the awareness for consortia based resources, the majority of research scholar said that they are aware through referred by Librarian/information specialist and same opinion is of the postgraduate students about it.
- Majority of the research scholar said that the consortia based resources are helping in saving money of organization, but the majority of postgraduate students are, they don't think about that consortia base resources are saving money of organization.
- The majority of the research scholar said that consortia base resources are providing best facility for research, but postgraduate students are not agree with this opinion.

## SUGGESTIONS

There is following suggestion about using consortia based resources:

- The information about consortia based resources should be clearly mentioned by the organization on notice board. They should give the information by the poster or other induction programs by the library. A library should easily explain about the consortia based resource with their details that which type of journals are available under the library consortia.
- The procedure of accessing E-Journals by consortia should be clearly mentioned in the library. The library should explain step by step that how consortia based resources can be accessed by users.
- A study is suggested that there should be conducted more training program for users and library staff members by the authority. It will provide a clear procedure for using consortia based resources to users. The organization should be focus on this fact.
- There should be some special induction program for postgraduate students and as well as research scholars for increasing the interest towards using consortia based resources and its use.

## CONCLUSIONS

The role of the consortia based resources and the consortium is very important in modern information-based society. Now, every day as we all are aware about the financial problems which are faced by the libraries, this is why libraries should coordinate and cooperate with each other for sharing their resources. In this context, libraries can find more library resources in less budget and they can access a strong library collection for their libraries and users. With the help of consortia, libraries are cooperating and coordinating with other member libraries and they are getting the latest technology after interaction or get to gather with each other and becoming up to date. But there is a matter of thinking that why postgraduate student is not taking interest in using consortia based resource.

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