

Study on Resource Sharing activities in Network Libraries

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Abstract

Resource sharing is a significant and generally notable idea in the field of library science. The idea perceived by the term 'library networking' manages the interconnection of libraries with the goal that the taking part libraries can share the information and resources actually. It helps to defeat the limits like colossal expense of procurement, list of sources handling, capacity of material and so on because of the surprising development in the delivered information. Resource sharing is an answer for improve the library resources. In this manner resource sharing in libraries has become fundamental in current situation, and it commands overall acknowledgment. This paper audits the current writing of resource sharing in the setting to the Management establishment libraries in Bangalore city of India.

Keywords: Library networking; Resource sharing, Management Libraries, Information sharing and networking.

Introduction

Information innovation has worked on the availability of information. Attributable to this reality, libraries are en route to modernisation and are reevaluating the deep rooted rehearses related with the obtainment, stockpiling, management, and the appropriation of the information and information that developing at a tremendous rate (Geronimo and Aragon, 2005). The idea of libraries have changed from being simple storage facilities of assortment of books to dynamic help habitats. A scholarly library is an elite prerequisite of any instructive foundation for fostering the progression of information, expanding the effective accessibility of the review materials and for giving the answer for the issues experienced in the investigations done (Brophy, 2007). The libraries when coordinated into resource sharing consortia and organizations address the ordinary issues of information sharing successfully. As indicated by

Silva(2002) to conquer the restrictions like huge expense of procurement, book index handling and the capacity of material and the surprising development in the created information, resource sharing is an answer for streamline the library resources.

The scholarly library climate is developing as far as resources and clients; different information sources which were once accessible just on paper design are presently accessible on paper, CD-ROM, on the web and other electronic sources (Ani, Esin, and Edem, 2005). The coordination of information innovation with customary schooling system worked with and improved accessibility of greatest information to the students. The digitalization in each area made admittance to the accessible resources in helpful mode and libraries are renamed by computerized and electronic libraries (Beagrie, 2008).

The absolute first drive to foster library networks has been archived during the nineteenth century in the United States by laying out the American Library Association (ALA) (American Library Association, 2004) and started the commonly obliging recording program. Toward the finish of 1960s, Machine Readable Cataloging (MARC) design had been created which with the assistance of a novel set involving extraordinary characters, numbers, and letters recognizes bibliographic information reported in a PC record. From that point forward, MARC has been contributed as the transformation standards of resource sharing (Le Boeuf, 2013).

The networking and resource sharing has forever been a significant prime variable in library benefits that serves to network a more prominent scope of mastery resources accessible at a certain point (Hakansson, 2015). The sharing of information or information among libraries must be conceivable in the event that these libraries will create alongside, current cutting edge innovations and this could be conceivable by creating and carrying out different methods of electronic information mechanical applications like embracing the method of Local Area Network (LAN) and Wide Area Network (WAN) and so forth (Ramakrishnan, et. al., 2013). The elements that are answerable for expanding demand for resource sharing are the greater expense of books, diaries, progression in Information Technology and partnered processes and so forth. The utilization of information and correspondence innovation ended up being useful for decreasing the library administration cost. There are different terms like resource sharing, networking, collaboration and organization that can be conversely and used to allude to the essential partnership among libraries for satisfying the needs of clients for administrations (Zhang, et. al., 2014). In India, the standards of Higher schooling system are exceptionally evolved. The Information and Library Network (INFLIBNET) is a program laid out by University Grant Commission (UGC) to interlink libraries of establishments and colleges the nation over. Resources sharing in India for scholarly libraries are considerably more significant due to the monetary status of the establishments. It is significant for the nation like India to make wide scope of organizations among every one of the instructive establishments the nation over to

share their information resources to work with the understudies and researchers with the great assortment of information and information (Ramesha and Asundi, 2015). With a perspective on comparable resource sharing and networking, in the city of Bangalore, a legitimate report on the accessibility of such offices is required to have been directed. As an expansion to it, a comparable resource sharing organization among the libraries of Management establishments in the Bangalore city is required to have been carried out.

Library resource sharing and networking

The term resource applies to a thing, individual or activity to which one holds in the midst of hardship and sharing demonstrates designating, allocating or contributing something claimed, to help others. Resource sharing, in this way, alludes to correspondence, inferring an association where every part has something helpful to add to other people and which each is willing and ready to make accessible when required.

Resource sharing is an unfilled idea, yet for the methodology allowing resource sharing to work is what:

- Involves having resources to share
- Having an ability to share them, and
- Having an arrangement for achieving resource sharing

Resource Sharing is a necessary piece of present day library administrations. In the created nations, no library administrations can be thought without sharing of resources. Before, RS was restricted to the interlibrary credit framework. In the cutting edge age, with the improvement of science and innovation and developments of procedures and gadgets, resource sharing has become more straightforward and productive because of the accessibility of data sets, information organization, and web based sharing offices. Subsequently, the resourcesharing framework assists one library with getting to resources of different libraries.

While resource sharing is settled upon by partaking organizations, then, at that point, the accompanying perspectives should be arranged:

- Recognize and find significant assortments, sources and materials
- Gather, distribute and convey aggregate information for every single partaking body
- Exercise the reason for sharing, reference administration, loaning administration, duplicating administration, admittance to materials, conveyance administration, and arrangements of property
- Lay out method for sharing thoughts, advancement and issues as a bulletin
- Plan for new advancements in the information on the thing others are doing

- Fostering a National Information Policy

The following are the most important benefits of resource sharing to participating institutions:

- Simple admittance to materials
- Empowers co-working foundations to broaden restricted resources
- Permit more noteworthy staff specialization
- Further develop administrations to clients
- Stays away from pointless duplication
- Lessens the quantity of spots which should go for administrations
- Works on working connections between participating libraries, and

Resource sharing alludes to a utilization of resources accessible on a framework or an organization by client or peripherals working together. In the language of information management, when we talk about resource sharing we basically mean aggregate utilization of information of numerous kinds by different end clients from a control planning unit or from inside an organization part at a decreased expense with simple openness.

Library collaboration and resource-sharing action can occur in a few structures and can occur at many levels, which include:

- Interlibrary credits/proportional getting honors
- Trade or sharing of skill, resources, and offices
- Trade of distributions and copies and other reprographic administrations
- Sharing of bibliographic information
- Helpful procurement, agreeable indexing, and helpful assortment advancement readiness of association rundown of property
- Helpful relationship and organization advancement

The execution of resource sharing is generally relies upon library networking. It gives a simple and more extensive admittance to information as individuals have an expanded information-base and administration. An organization is a type of game plan or a managerial construction that interfaces a gathering of people or associations who have consented to cooperate and/or share resources. Information networking involves the sharing of resources with the goal that the information needs of both real and expected clients of information-from the neighborhood to public level-of all network members are met.

The organization empowers the partaking bodies to work with and expand their clients' admittance to writing and information without comparing interest in buy, and handling of information is traded through the organization on a conventional premise.

Research Methods

The exploration configuration embraced in this study was the study strategy utilizing a survey to gather information. An open and halfway shut survey was planned, this will take into account controlled replies as well as free articulations. As Moore (1983) declared, it will permit the examination to acquire genuinely straight forward, simple information and wide scope of replies. The number of inhabitants in the review contain three scholarly foundations, which are; Delta State University library, University of Benin library and University of Port Harcourt library. The example of this study incorporate supporters who were utilizing the three scholastic libraries on the different long periods of visit. The random examining strategy was utilized during the (times of visit (3days). An aggregate of 300 duplicates of survey were recovered from the three organizations. The poll was intended to inspire information on whether;

- They know about the act of resource sharing in their different libraries
- They have profited from resource sharing administrations, they have at any point mentioned for materials the library doesn't have available,
- The library made any endeavor to help them in finding their information needs;
- They got agreeable administrations in such demands and the type(s) of information materials they typically demand for.

Findings and Discussion

The findings of the study are presented below:

Table 1: No. of administered and retrieved Questionnaire

Institutions	Admin	Retrieved	Percentages
Delsu library	100	70	31.53
Uniben library	100	78	35.13
Uniport library	100	74	33.33
Total	300	222	100

Out of 300 copies of poll managed, 222 were seen as useable and utilized for information examination.

Table 2: Status of the Respondents

The status of the respondents is shown in the table below;

Institutions	Respondents	Frequency	Percentages
Delsu library	Students	41	18.46
	Staff	24	10.81
	Non staff/students	5	2.25
Uniben library	Students	45	20.27
	Staff	26	11.71
	Non staff/students	7	3.15
Uniport library	Students	48	21.62
	Staff	18	8.10
	Non staff/ students	8	3.60

Table 2 uncovers the situation with respondents in the three college Libraries. This uncovers that understudies (134 or 60 35%) comprised most of clients of the Libraries. Understudies utilize the Library to enhance notes given by speakers, complete class task compose projects.

Table 3: Users awareness of resource sharing arrangement

The table beneath shows numerous responses of clients' awareness of resources sharing arrangement in chose academic libraries.

Sources of awareness	Delsu library		Uniben library		Uniport library	
	Frequency	%	Frequency	%	Frequency	%
Librarian/the library	13	5.85	18	8.10	16	7.20
Individual knowledge	49	22.07	46	20.72	40	18.07
Notice board	49	22.07	46	20.72	40	18.07
No awareness	8	3.60	14	6.30	18	8.10

Considering the need of library schooling, respondents were found out if they have at any point been educated regarding the accessibility of resource sharing arrangements in their libraries. One hundred and 82 (addressing 80%) of the respondents know about resource sharing offices, that it ought to be a vital part of any library administrations. Nonetheless, 135 (addressing 60.86%) guaranteed that they know this from their singular information on the library administrations. 47 respondents (addressing 21.15%) professed to have gotten this awareness from the administrators/libraries. The other forty respondents (addressing 18%) additionally asserted not

to know about such peculiarity. The ramifications of these discoveries is that custodians have not done what's needed in the space of client's schooling.

Table 4: Beneficiary of the Services

The table below shows number of times, respondents have benefitted from resource sharing service.

No. of times			Uniben library		Uniport library	
	Frequency	%	Frequency	%	Frequency	%
Once	29	13.06	24	10.81	19	8.55
Twice or more	9	4.04	10	4.50	10	4.50
None at all	32	14.41	44	19.81	45	20.27
Total	70		78		74	

As displayed in table 4 above, however more noteworthy level of the respondents professed to know about resource sharing administrations, yet have not profited from the administrations. 101 (addressing 45.47%) of respondents have utilized interlibrary credit administrations. While one hundred and 21 (addressing 54.49%) asserted not to have utilized such administrations.

Table 5: Types of materials mostly used by Respondents

Types of Materials	Delsu library		Uniben library		Uniport library	
	Frequency	%	Frequency	%	Frequency	%
Books only	39	17.57	41	18.46	40	18.02
Books and journals	18	8.11	20	9.00	18	8.11
Journals only	8	3.60	10	4.50	12	5.41
Others	5	2.25	7	3.15	4	1.80
Total	70		78		74	

Table 5 shows that more prominent level of the respondents in the three colleges use books just (54.05%). And a little level of the respondents from the three organizations use books and diaries. While 30(13.51%) professed to utilize diaries as it were. The ramifications is that the vast majority of the materials in the three colleges are generally course books which are predominantly for educating. The periodicals titles which should be significant elements in doing explore are hard to come by. This uncovers that these academic libraries are not completely prepared for research. The college libraries play a significant part in making applicable writing accessible to specialists. Since a large portion of the information required will be found in

diaries, custodians should give proper and opportune information to specialists by guaranteeing that they approach significant writing subsequently diaries which comprise the main wellspring of information to researchers should be promptly made accessible to them. The information needs of researchers are often met through perusing grounded logical diaries and optional reference index series (French, 1990).

Conclusion

The academic library climate has seen an extraordinary development as far as resources and clients; and has out developed from the print design and hard bound volumes to different electronic arrangements like CD-ROM, on the web and other electronic sources. This advancement can be taken to the origin of one more age of academic libraries with the guide of innovations like resource sharing and library networking. The networking and resource sharing will make the library benefits substantially more modern aiding in networking a more prominent scope of skill resources accessible at one point with the goal that the main role of library is satisfied. Resource sharing and networking has an underlying set up cost. After the execution and fruitful authorizing this technique has irrelevant expenses of upkeep. Additionally, according to the economy perspective, the possibility of resource sharing is moderately economical reducing the expenses of paper, printing, restricting and so forth since the greater part of the report and diaries are accessible in electronic structure. Likewise the resources are divided among libraries delivering a lower buy cost to the singular library. The academic library climate has seen an extraordinary development as far as resources and clients; and has out developed from the print design and hard bound volumes to different electronic arrangements like CD-ROM, on the web and other electronic sources. This advancement can be taken to the origin of one more age of academic libraries with the guide of innovations like resource sharing and library networking. The networking and resource sharing will make the library benefits substantially more modern aiding in networking a more prominent scope of skill resources accessible at one point with the goal that the main role of library is satisfied. Resource sharing and networking has an underlying set up cost. After the execution and fruitful authorizing this technique has irrelevant expenses of upkeep. Additionally, according to the economy perspective, the possibility of resource sharing is moderately economical reducing the expenses of paper, printing, restricting and so forth since the greater part of the report and diaries are accessible in electronic structure. Likewise the resources are divided among libraries delivering a lower buy cost to the singular library.

References

American Library Association (2004). Retrieved from Web <http://www.ala.org/>

Ani, O. E., Esin, J. E., & Edem, N. (2005). Adoption of information and communication technology (ICT) in academic libraries: A strategy for library networking in Nigeria. *The Electronic Library*, 23(6), 701-708.

Assante, M., Candela, L., Castelli, D., Mangiacrapa, F., & Pagano, P. (2014). A social networking research environment for scientific data sharing: the D4Science offering. *The Grey Journal*, 10(2), 65-71.

Bansode, S.Y. and Periera, S. (2008), "A survey of library automation in college libraries in Goa State, India", *Library Philosophy and Practice*, available at: www.webpages.uidaho.edu/~mbolin/bansode-periera.htm

Beagrie, N. (2008). Digital curation for science, digital libraries, and individuals. *International Journal of Digital Curation*, 1(1), 3-16.

Brophy, P. (2007). *The library in the twenty-first century*. Library Assn Pub Ltd.

Cholin, V. S. (2005). Study of the application of information technology for effective access to resources in Indian university libraries. *The International Information & Library Review*, 37(3), 189-197. Christ University. <https://christuniversity.in/library> Geronimo, V. A., & Aragon, C. U. (2005). Resource sharing in university libraries: A tool for information interchange.

Library Collections, Acquisitions, and Technical Services, 29(4), 425-432.

Haibo, Y., & Liansheng, M. (2002). Practice of the Joint Construction and Sharing of Information Resources—the Construction and Development of National Science and Technology Library [J]. *Journal of The China Society For Scientific and Technical Information*, 1, 011.

Hakansson, H. (Ed.). (2015). *Industrial Technological Development (Routledge Revivals): A Network Approach*. Routledge. Indian Institute of Management, Bangalore. http://www.iimb.ernet.in/about-institute/life_iimb INFLIBNET Centre. (2005). Objectives. Retrieved from <http://web.inflibnet.ac.in/about/objective.jsp>

Kaul, S. (2010). DELNET-the functional resource sharing library network: a success story from India. *Interlending & Document Supply*, 38(2), 93-101.

- Le Boeuf, P. (2013). Functional requirements for bibliographic records (FRBR): hype or cure-all?. Routledge.
- McGrath, M. (2010). Interlending and document supply: a review of the recent literature: 70. *Interlending & Document Supply*, 38(2), 126-133.
- Muthu M. (2013). Resource Sharing In Libraries: A Vital Role of Consortia. *Journal of Library & Information Science*, 3(1).
- Pradhan, B. (2014). Role of Consortia in Sharing e-Resources among Indian Libraries. *DIGITAL LIBRARIES: Reshaping Traditional Libraries into Next Generation Libraries*, 1, 89.
- Ramakrishnan, K. K., Van Der Merwe, J., Shenoy, P., & Wood, T. (2013). U.S. Patent No. 8,473,557. Washington, DC: U.S. Patent and Trademark Office.
- Ramesha, B., & Asundi, A. Y. (2015). From Physical to web-enabled delivery: The odyssey of document delivery service
- Sampath Kumar, B. T., & Biradar, B. S. (2010). Use of ICT in college libraries in Karnataka, India: a survey. *Program*, 44(3), 271-282.
- Singh, I. (2011). A Study of Resource Sharing and Networking of North Indian University Libraries.
- Sujatha, G. (1999). Resource sharing and networking of university libraries. EssEss Publications.
- Suku, J. and Pillai, M.G. (2005), "Automation of university libraries in Kerala: status, problems and prospects", *The Journal of Academic Librarianship*, Vol. 31 No. 2, pp. 151-9. Waghmode, S. S. (2014). Analytical study of INFLIBNET's Institutional Repository (IR@ INFLIBNET).
- Zhang, S., Qian, Z., Wu, J., Lu, S., & Epstein, L. (2014). Virtual network embedding with opportunistic resource sharing. *IEEE Transactions on Parallel and Distributed Systems*, 25(3), 816-827.