PRESENT STATUS OF REGIONAL MEDICAL RESEARCH CENTRE LIBRARY, BHUBANESWAR: A STUDY

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ABSTRACT:

A health Library design to provide help for the Physician, health professionals, research scholars who engaged in medical related activities. Library has the new opportunity to improve their services through latest ICT technology. The nature of users as well as librarians has totally changed. New libraries have been moved towards print base to paperless library. This research article overviews the basic introduction of the RMRC library and their services, nature of Collection, automation status, IT infrastructure, networking, resource sharing, and various housekeeping operations. Questionnaire method is used for data collection and result shows with the help of simple table chart and graph. The survey result shows that RMRC library is modern library center and covers with latest technologies. Most of the library housekeeping operation and services are fully computerized with the help of LIBSYS

software.

KEYWORDS : Medical Library, Special Library, RMRC, Reference service, ICMR Library, Automation, Resource sharing.

1. INTRODUCTION:

We live in information age, in the present world time is very important factor an availability of timely information is the necessity for success of any service provider organisation. The web and information communication technology has been emerged as the most powerful media for the instant access of millions of information resources and services. "Special libraries are expected to use information and communication technology to provide information more speedily, accurately and timely to the end users of the library" (Bansode.2008) [2]. In digital era information explosion have brought many changes in every field of knowledge, especially in medical sciences. Medical library have play an important role directly in the promotion of medical education and health related information in the country. Information explosion, shortage of space and growth of expected user, enhancement of library funds, and high growth rate of prices of print and electronic resources.ICT is changed the nature of Libraries and Library profession. Nowadays Library collection, Services are changing from local availability to global with the help of emerging technologies. In traditional Libraries user have spend more time in searching relevant information .But in Digital era electronic devices are used for various library activities of Library. And user can access the entire Library resources in very easily and smoothly.

Regional medical research centre is part of Indian council of medical research. It is situated at Bhubaneswar, Orissa. The Institute specialized in understanding and developed a strategy for some dieses like HIV/AIDS, filariais, Malaria, tuberculosis's, bacterial/ viral infection etc.

The RMRC Library is established in 1981.Its provided services to the teacher, Researcher, Students, Medical professionals and others organizations health university, Medical college, ICAR labs and other similar objectives who engaged in health science sector for R& D activity. The library was named as 'Laxmi Narayan Memorial Library' he is the first director of RMRC. Library is located at ground floor. The library collection is comprise of text book, Magazine, Theses, Journal (both type print and electronic) , databases ,CD.ROM ,Periodical ,Reports etc.

2. Objectives:

The study covers for knowing the present status of the RMRC Library, who situated in Bhubaneswar, Orissa. These objective are covered under the study
1. To know the availability of IT infrastructure, networking and manpower of RMRC Library
2. To know the availability of services, nature of Library collection
3. To know the status of resource sharing and its purpose
4. To know the automation status and various Library housekeeping activities

3. Methodology:

The present study is empirical and theoretical in nature. The imperial data collected through questionnaire .Questionnaire is prepared only for librarian. Data collected through questionnaire and online through library website. The collected data will coded, tabulated and analyzed with the help of simple statistical method on the basis of nature of data. The analyzed data are presented through table and graphs supported by interpretation. Reference and bibliography are prepared according to American psychological association 6th edition manual available on www.apastyle.org.

4. Data Analysis And Interpretation:

Table no.1
general information about library

Name of the institute	Regional medical research centre(ICMR)
Year of establishment	1981
Website of the institute	www.rmrcbbsr.gov.in
Library known as the	RMRC Library, Information and publication
Name of the Library	Laxmi Narayan Memorial Library
Name of the librarian/ in charge	Dr. B. Sahoo, Lib & Inf. Officer
Any branches of the library	No
Status of Library access	Open access
Strengths of the users Per year (Average)	500
Nature / Type of user	P.G. students, Research scholars, Faculty and consulting members
Technical schemes followed by library	Universal Decimal classification
Cataloguing scheme followed by library	Anglo American Cataloguing Rules 2
Bibliographic standard format…..	ISBD
Nature of the library buildings	Attached with the main building

Table no.2
Availability of ICT Infrastructure
(1) Hardware

S.NO.	NAME OF THE HARDWARE	AVAILABILITY (YES)	UNAVAILABILITY (NO)
1.	Computer	YES	---
2.	Printer	YES	---
3.	LCD	YES	---
4.	SCANNER	YES	---
5.	POWER BACKUP	YES	---
6.	SMART T.V.	YES	---
7.	LAPTOP	YES	---
8	TELEPHONE	YES	----
9	VIDIO CONFRENCING EQUIPMENT	--	NO
10	FAX	--	NO
11	PHOTOCOPY MACHINE	YES	
12	PROJECTER	YES	
13	CCTV	--	NO
14	SERVER	YES	

Table no.2.1 shows the availability of hardware in the RMRC library .behalf of this table library have all required Hardware for the library activities, and available all the required hardware such as computer, photocopy machine, projector, server, scanner etc and some hardware are not available such as video conferencing equipment, fax, CCTV etc.

2.2 Availability of Software –

S.NO.	NAME OF THE SOFTWARE	AVAILABILITY (YES)	UNAVAILABILITY (NO)
1.	Library automation software	YES	
2.	Digital Library software	YES	
3.	Content management software	--	NO
4.	Institutional repository software	YES	
5.	E-Learning software	--	NO

Table no.2.2 shows the availability of software in the library. RMRC Library have automation software ,digital library software, institutional repository software are available and only content management software ,E- Learning software are not available in the library .

2.3 Library staff (Manpower) -

S.NO	Designation	No. of staff	Qualification	
			Academic	Professional
1	Librarian/Library in charge	01	MLIS,PH.D	PH.D
2	Deputy Librarian	--		
3	Technical staff	--		
4	Library Assistant	--		
5	Any others(Library Trainee)	02	MLIS	

Table no.2.3 shows the status of library staff in the library. behalf of this table only one library staff available in the library his post name is library and information officer .and two library trainee available in the library for all the library Activity.

(3) Library Collection (Print and non print resources):
(3.1) Library collection (Print Resources)-

Type of Information Resources	Total No	Type of Information Sources	Total No
▪ BOOKS	10000	▪ REPORTS	150
▪ PATENTS	---	▪ MAGAZINES	10
▪ STANDARDS	--	▪ NEWS PAPER	07
▪ PERIODICAL	100	▪ ANY OTHER	
▪ JOURNAL (PRINT)	45	▪	
▪ THESES + DISERTATION	100	▪	
▪		TOTAL COLLECTION	

Table no.3 shows the print collection in the Library .RMRC library have no rich collection of print resources (approx 10000) but electronic resources collection is very rich. patent ,standard are not available in the library but other resources like Bound periodical, print journal theses + dissertation, reports ,magazine ,news paper are available in the library but there collection is limited

(3.2) please specify the non print resources as on 31st, December, 2013 -

Type of Information Resources	Total No	Type of Information Sources	Total No
▪ ONLINE JOURNAL	75	▪ MICRO FITCH	--
▪ E- MAGAZINES	--	▪ DEGITISED MATERIAL	50
▪ AUDIO CASSETTES	10	▪ E-NEWS PAPER	--
▪ VIDIO CASSETTTES	4	▪ ANY OTHER	--
▪ ONLINE DATABSE	02		
▪ CD- ROMS DATABASE	150		
▪ MICRO FORM	--	TOTAL COLLECTION	

Table no.3.2 shows the availability of non print resources in the Library. Behalf of this table we can see that most of the non print recourses in form of CD- ROM Databases and online journals other than Audio/video cassettes, and digitized material. Library have no accessed any E-News paper & E-Magazines and no availability of any specific resources in the form of micro form and Micro Fitch due to some technical reason.

4. Library services offered to users:
4.1 Manual services provided by your Library –

S.NO.	NAME OF THE SERVICES	AVAILABILITY (YES)	UNAVAILABILITY (NO)
1.	Photocopy service	YES	--
2.	Reference Service	YES	--
3.	Document Delivery Service	--	NO
4.	Bibliographic services	YES	--
5.	Inter Library loan service	--	NO
6.	Translation service	YES	---
7.	CAS Services	YES	---
8.	SDI Services	YES	---
9.	Circulation Service	YES	---
10.	Referral Service	YES	----
11.	Reprography Services	YES	----

Table no.4.1 shows the manual services provided by the RMCR library to the users. table clearly show the library provide all general services to the users .but library have not provide the document delivery service and inter library loan service.

4.2. Automated services provided by library-

S.NO.	NAME OF THE SERVICES	AVAILABILITY (YES)	UNAVAILABILITY (NO)
1.	Circulation services	YES	
2.	Reference Service/ ASK Librarian	YES	
3.	Bulletin board service	--	NO
4.	Alerting service	YES	
5.	Inter Library loan service	--	NO
6.	Translation service	YES	---
7.	CAS Services	YES	---
8.	SDI Services	YES	---
9.	Web OPAC	YES	---
10.	Referral Service	YES	---
11.	E-Mail/List service	YES	
12	tutorial program	---	NO
13	Virtual reference service	YES	---
14	Mobile based service (SMS)	YES	---
15	Web casting	---	NO

Table no.4.2 shows status of automated services provided by the library to the users. Most of the library services in both format automated and manual form .various library services like circulation, ASK librarians service. Alerting, inter library loan, Translation, CAS, SDI etc services in the automated mode and library are not provided some services in automated form such as Web Casting, Tutorial programs.

5. Automation status of your library:

S.N.	QUESTIONS	YES	NO	Under process
1.	Does your library automated	**Yes**	---	---
2.	Nature of Library software	Open source software	Commercial software	Any others
	Name of the software	Yes(KOHA)	Yes (Libsys)	------
3.	Automation status	Fully automated	Partially automated	Not automated
		(yes)	-----	------
4.	Library have separate web pages	Yes	No	Under process
		--------	No	------

Table no.5 shows the automation status of the RMRC Library. on the basis of this library use the both software commercial and open sources software (KOHA and LIBSYS) for the various Library activities and library is fully automated and library have no separate web page.

5.2 Automation status of housekeeping operations:

S.N.	QUESTIONS	FULLY	PARTIALLY	NOT YET
1.	Circulation process	Yes	----	-----
2.	Serial control	----	Yes	----
3.	Acquisition process	Yes	-----	----
4.	Library report	Yes	-----	----
5.	Inter library loan	-----	Yes	---
6.	Library statistics	Yes	----	----
7.	OPAC/WEB OPAC	Yes	-----	----
8	Are you satisfied with software	Yes	----	----

Table no. 5.2 shows the automation status of library .above table clearly shows the most of library activities like serial control, ILL are Partially automated. and some other activities such as circulation process, acquisition, Library report, Library statistics and OPAC are fully automated. Librarian has fully satisfied with the software.

6. Reasons for Resource Sharing:

S.N.	Reasons	Responds	Not Responds
1.	For develop Library infrastructure	--	--
2.	For providing better services	Yes	
3.	For reduce library budget	Yes	--
4.	For purchase collaborative information resources	Yes	
5.	For save the time of user and library staff	Yes	
6.	To provide proper training for library user and staff	---	---
7.	Professional communication among participating institute	--	--
8	For sharing personnel resources	--	---
9	For fulfilment of present-day need of the user	Yes	
10	cast of medical literature is very high	Yes	

Table no.6 shows the reasons of resource sharing among ICMR library. Librarians think that resources sharing are need of present day. Some reasons are cost of medical literature is very high , purchase of collaborative resources ,save the time of library and users etc.

7. Findings & Observaton Of The Study:

1. Library have no separate building, it is part of main building, No separate website for the library it is also part of Institute website.
2. Most of the Library collection is in electronic form like CD.ROM, DATABASES and E-Books.
3. Institute libraries have a internet connection and connected to the NKN Leased line (100 mbps).
4. Library have only one Library staff (Library and Information officer) and library perform all housekeeping operation with the help of two Library trainee staff.
5. Library has connected to one library network that is ICMR library Network.
6. RMRC Library has fully automated and provides all library services in both manners automated and manual, on the requirement of Library users.
7. RMRC library has connected to LAN server & also connect to Scientist, all sections, and division of the institute. and library also run the mail server, antivirus server and LIBSYS server installed in library for the networking, library provide internet with help of NKN and NIC for Web OPAC and BSNL and NKN for internet connectivity.
8. RMRC Library share the some resources among the various institute,
9. Library shares the resources through the consortia such as ERMED, ICMR E- Consortia etc.

8. Suggestions For The Library:

Behalf of this study author found and observed that library is well established and provide more effective services to the users but some suggestion is there for betterment of the library and users, they are
1. Library should adopt the new web 2.0 applications in the library for providing better services to the users.

2. Library should organized proper training program for the library users and staff for better use of library resources and services.

3. Library appoints the some other professional for the specific work of the library.

4. Organised proper training program for the Library staff and users.

5. Library popularized the services, resources of the institute.

9. CONCLUSION:

Information and communication technology have intensive impact on all library activities and their services. In changing environment most of the library services are IT based because library environment is totally changed and nature of the user, resources also changed. RMRC Library has well maintain and well established. Libraries are able to provide accurate, comprehensive, and quick information to the users. There is a need for additional training to enhance the use of Library resources and services. Library professional should be flexible and adopt traditional skills to incorporate the requirements of technological Advances.

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