Web based Library Services in University Libraries in Marathawada Region of Maharashtra

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Abstract: Academic scenario, over the years, has undergone a tremendous change assuming new dimensions influenced by the technology driven applications. Libraries and Information centers are no exception to this. Traditional Libraries services observed to be inadequate. Quality service package delivery is a alarming task for all Libraries. Internet based library services are the major resources of the modern library services. So far as, Libraries services in Marathwada region mapping impact on the services are the major to evaluate the library and information services. This library gives more information for any subject in the library has need essential facilities to provide information through internet based services and their products. If the internet providers give all knowledge thus the large universities libraries can be provide basic knowledge from internet.

Keyword: E-Mail, E-Book, E- Journal, Tele Texts, Internet Product, Video Text

Introduction

We are living in the digital age; the primary role of information in this age is in many digital cases. The primary means of sharing information is the digital network. With the digital technology, information in various formats- text, audio, video and electronic can be created, stored, organized, accessed and transmitted with relative ease, and in forms that we could not have thought of earlier. The digital age and changing role if ICT has brought about many changes to libraries, some of these changes having been taking place before the introduction of the Internet in the mid 1990^s. The 1980^s and early 1990 saw much discussion in libraries on issues such as print versus electronic; "access versus ownership", "mediated versus unlimited online searching" and professional concerns not gradually widened to include electronic licensing and consortia collection development. Today the digital age has brought many aspects of library services. The card catalog has been replaced with OPAC in many libraries, users now search for information from their desktop; users down load e-books   on to their PDAs, full text retrieval of information sources is becoming common place and services are increasingly becoming personalized and pay as use. The application of Web 2.0 technologies in Australasian university libraries the focus of the research was what types of Web 2.0 technologies were applied in such libraries as well as their purposes and features. This unique study explores the application of Web 2.0 in a wide scope including any Australasian university libraries that deployed any types of Web 2.0 technologies (Linh, 2008) Also recent trends in the application of Web 2.0 and Library 2.0 features as exemplified through university library web sites around the world. Results reveal that 37 university libraries use RSS feeds for dissemination of library news, events and announcements and 15 university libraries provide blog space for users. Whereas wiki is the least applied Web 2.0 technology, with only one university using it, Instant Messaging is another most widely applied feature with 37 libraries already providing reference service through it. (Harinarayana, Raju 2010) The Region of Marathawada has a part of Maharashtra state. In this region have three universities. Such as

Dr. Babasaheb Ambedkar Marathwada University, Swami Ramanand Threeth Marathwada University Nanded and one of the Vasantrao Naik Marathwada Agriculture Universities at Parbhani (AIU 2014). These University libraries should be enlighten management, internet services and its information product. Beside that Dr. Babasaheb Ambedkar Marathwada University Library Management is more impactful and changing its housekeeping activity by Internet based services.

Web based services:

Web based library services application in libraries in search engines have changed the role of libraries and its services radically .The services of the university libraries are bibliographical services, literature search, E-mail services, Google forum or group based services, Reach Site Summary (RSS), SMS Alert, Blog services, Facebook group, CD-Rom data based, Reference services, Interlibrary loan, current awareness service, References Service, Technical inquiries, OPAC, web services compilation of indexes and abstracts services.

Library management and service:

There is enormous changes have been happening in every filed, in the world so also in information management and science in library. In Internet have products and services and time sensitive and intangible. They must be used fast and be targeted to the end users, particularly for quick assimilation. To prompt provide such information there is a great need of management

Web Based library services and products:

1] E-Mail: Electronic Mail is becoming most useful way of communication. This service can be used to sent and service massager easily and speedily

2] E- Journal: In the modern technology library can provide recant information within a short provider of time or it is easier to update the issue of a journal on the Internet as soon or it is published.

3] Electronic collection: Library every change is accepted only when there are advantage and benefits. Physical medium user for information storage has also changed in the form of films. Digital technology is dramatically changing the print on paper library model that has been the main stay of higher education. (Lankes 2008)

4] Resources sharing: The lot of increasing cost of the documents and non-availability of enough founds, the libraries are not to provide each and every Material to the users. But ICT library solved this problem very easily. The user can be search OPAC of other library or may asks the librarian to provide the desired document. One of the able to search it, then they can request that library to give the document on inter-library loan.

5] Reference and Information services: The libraries back bone should be called to Reference section. It is not the strength of library collection which mates any library big or small, but it is way of providing information services. The well known organized library will always provide reference service with very prompt and accurately. (Krishan1987) There have large numbers of primary and secondary information sources. Also there has available on the internet, which any used can been providing information to the users.

6] **Technology processing:** From it number of libraries is having their catalogue online. In the library staff can cheek the bibliographic details of the newly acquired document and can use it is technical processing of their document, Library can also provide access to its catalogue with others libraries from OPAC.

7] The Audio/ video cassettes: In the library Audio video cassettes has been give real presentation of the users. The Audio/video cassettes are considered to be more effective medium than the television broadcast. The video cassettes are more flexible and convenient in their use. Prominently the pre recorded video program are most effective able in continuing education system.

8] Video Text: The video text is a two way interactive communication, where student and others users, it can be transmit the request to a central database. A large master computer the simultaneously fulfils the needs of users. The library content, it should lee provided information relayed to the user through telephone, radio or television signals.(Wikipedia)

9] UGC INFONET Consortia: This program gives from U.G.C by used to communication for library group. It facilitate spread lf quality education all ever the country and a means of distributed access to educational materials journals and electronic resource available on the internet other consortia operational in India to share electronic access to journal literature include INDEST, AICTE knowledge part etc.(INFLIBNET 2017)

10] Google Forum: This service helps to promote information communication in same field research scholar.

11] Social Media: This is web 2.0 tools to communicate library users about new arrivals and library programmes and new activities of the Library. In Social Media there are tools like Facebook, Tweeter, Googleplus, Linkedin it promote the library activities and enhance library services (Chen 2011).

Objective of Research:

- To study present position of web services in the Marathwada University Libraries
- To identity and analyses the specific factors that promoted of hindrance the use of electronic information resource in Marathwada University libraries.
- To suggest Measures for improvement of existing ICT based resources and services.
- To knows the technologies application in information services Marathwada.

Research Methodology:

In this research used survey Method of research, also analysis of WebPages of university libraries and e-resources. This research is outcome of questioner and website of University Library collection. In the secondary sources are available on website, Book, journals, university library reports, statements, calculation and yearly universities, articles, Magazine and Monographers.

Importance of present research:

This research will be reveal the real impact from internet based services in University libraries in Marathwada and management the recommendation will provide a comprehensive guidelines for university library a to choosing Internet based service and product for the new invention and information to student . This research will increase function in the mind of student and libration to take new advance program for acknowledgement for science and information communication technologies.

Scope:

The Research is limited to Marathwada regions universities in Marathwada Maharashtra. Data is collected from Dr. Babasaheb Ambedkar Marathwada University, Swami Ramanand

Teerth Marathwada University and Vasantrao Naik Marathwada Agriculture University libraries librarian from questionnaire and Library websites. These three universities are appearing in Marathwada region. In Marathwada region had eight Districts, this regions people are mostly attach with Dr. B.A.M.U, S.R.T.M.V and V.N.M.A.V form these university shall provided web based service to users.

Available infrastructural Facilities:

Table-1

Category	Dr. B.A.M.U	S.R.T.M.U	V.N.M.A.U
Server	√	√	√
Connectivity of terminals	√	√	√
UPS	√	√	√
No dues with LAN Card	√	X	√
Hub	√	√	√
Printer	√	√	√
Barcode scanner	√	√	√
Bar code printer	√	√	√
Web Camera	√	X	X
Reprographic	√	√	√
Telephone/Ext	√	√	√
Fax	√	√	√
OHP/LCD Projector	√	X	√
Television	√	X	√
D.V.D.	√	√	√
Backup Device	√	√	√
Other etc.	X	X	√

The observation of table 5.1 that in DR. B.A.M.U,S.R.T.M.A.U libraries has been facilities are service connectivity of terminals, UPS, no dues with LAN card, Hub; printer, Bar code scanner, Bar code printer web camera, television, DVD Backup Device etc . Prominently these facilities can provide to users. Dr. Babasaheb Ambedkar. Marathwada University library must given each and every facility to responders. Library shall be given as comparatively with Vasantrao Naik Marathwada Agriculture University library to responders.

Number of books in the libraries: Table: 2

Category	Dr. B.A.M.U	S.R.T.M.U	V.N.M.A.U
Text books	2,17,400+	1,50,000+	1,010,000
Reference books	25000+	48,000+	10,000+
Back volume of periodicals	45,000+	6337	26,000/
Thesis/ Dissertations	4641	1915	7890
Research Reports	_	_	_
Rare books/ Manuscripts	4000+	_	_
Journal National/Inter	200+	161+	190 Current
any other			

In the present table 5.3 can explain Marathwada regions libraries Books collection in the book collection Dr. Babasaheb Ambedkar Marathwada university library has shows more than 3,67,604+ books total collection and shows 58966 total books collection and swami Ramanand Teerth Maratwada University library has been shows 58966total books collection and Vasantro Naik Marathwada Agriculture University library has given collection of total books as 1,010,000+

Non- books material: Table 3

Category	Dr. B.A.M.U	S.R.T.M.U	V.N.M.A.U
a]e-databases e-resources(specially name)	[6]databases IEEE, EBSCO, SLOAS en-jour etc.	[4] Databases EBSC, A,B and. Start.	Database CAB, Rsta, ESSCO, Agris. India Stat
b]e- Books	3 Million	1 Million	1.5
c]e-journals	35000+	15000+	24,000+
d] Microfilms /	-	-	-
e] video lectures	02	-	NEEF
f] Multimedia	01	-	01
g] DVD	3000/-	1500/-	1800/-
h] CSD	4000/-	1900/-	38000/-

On the table 3 have depended process of Hardware; software staff training and annual Maintenance. Mostly Dr. Babasaheb Ambedkar University library has expenditure on this it based facilities in last three years as 10,00/+, software -57,15000/- staff training 70,000+and annual Maintenances 2,50010/- and other 7,65394/- otherwise SRT software 29 lakh and V.N.M.A.U library has expenditure 61,1000/- for the established it based facilities in university libraries

Library service:

The library service such as e-Resources, e-books, e-journal, video lecture (NPTL), OPAC, smart card/ Home lending service, e-query, References services, e-News, paper clipping – inter –library loan services, Mobile library services, subject Get way, etc The data collected as per categories of university is presented in Table 4

Table 4. Library Services provided:

Category	Dr. B.A.M.U IT based	Manual	S.R.T.M.U. IT Books	Manual	V.N.M.A.U IT Books	Manual
e-Resources, e-Books, e-journals	√		√		√	
Video lecture		√		√		√
OPAC	√		√		√	
Smart card/Home lending services						
e- query/ Reference services	√			√	√	
e- News. Paper clipping	√		√		√	
Inter-library loan service	√		√		√	
Current Awareness Services	√		√		√	
SDI	√		√		√	
Mobile Library service	√				√	
Subject –Gateway	√			√	√	

Table 4 shows that Dr. B.A.M.U library has provided e-Resources, e-Book OPAC, smart card, reference services, e-News paper clipping inter library, Mobile library services
Information services: In the global world has essential of information services and libraries are central of all information services on this basis Marathwada region libraries can provided information services, it can study from table 5

Information services Table: 5

Category	Dr. B.A.M.U		S.R.T.M.U		VNMAU	
	Yes	No	Yes	No	Yes	No
Reference services	√		√		√	
Information search services	√		√		√	
Bibliography a Indexing services	√		√		√	
Inter library lean services	√		√		√	
CAS	√		√		√	
SDI	√		√		√	
e-Mail	√		√		√	
Internet	√		√		√	
Documents Delivery service		√		√		√

The study of table 5 It shows the information services, in Universities library this study interpretation on Dr B.A.M.V. SRTMU and VNMAV libraries mostly provided reference services, Information search services, bibliography and Indexing services, darter lean services, CAs SDT, E-mail, Internet and documents Delivery services, but all these university libraries are not supported to Documents Delivery services

Internet facility:

Today each & every library is providing internet facilities to users. The Internet services is a sources of information in University gives specific internet connection from internet providers companies. If can study on table. The present table 7 shows the internet service must provided from BSNL, ERNET, Reliance NICNET, SATYAM and ASIA NET. Prominently Dr. B.A.M.U. library chooses BSNL and Reliance NET connection for best providing to users. SATMU library must used BSNL companies connection and VNMAU library must use ERNET and BSNL connection in library.

Conclusion:

Marathwada regions libraries for the user's facility, Marathwada regions libraries has been implemented informative software, these software uses in library for proper and accurate knowledge to users.   In libraries gives internet based services as like, E-mail, web browser, OPAC, E-Resource, E-Journals E-Books, E-Database, Multimedia, Video lectures, CD ROMs, DVD, SID, CAS, Email alerts Inter Library loan, smart card Reference services Bibliography and indexing services, current awareness services photo copies services, printers, Audio, equipment etc. all these services prominently provided through libraries. The Marathwada regions libraries can be provide as Digital library system to users.

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