Re-engineering of Library and Information Services Through Internet

Jutika Nanda Das

To cope up with the changes which is taken place in today's globalize society no library can go towards the proper direction to satisfy their clients without a proper internet connectivity. The entire library has to provide internet as a service for in-house operation in the library. Internet has played a tremendous role to development of the society or in the field of library and information services. The development of E-Book and E-Publishing has challenged the traditional role among publisher's book stores and library and information service in many ways. This paper throws light on how a user help by the library to give or provide internet based service with proper web sites and web address with the help of latest IT and communication technology.

Keywords: Re-engineering, Internet, Information Technology, Web Page, e-book, Digital Library

1. Introduction

Library has always been creators or publishers of scholarly information. In the recent times libraries creative role have mainly been the possibility of accessing all the knowledge ever produced by human race. The digital technology of recent times has changed the thing done in the past and created unprecedented new means of storage, retrieval and dissemination of information. Technology has changed the way people thing, work and communicates. It has made possible new ways to create knowledge and to disseminate and use of information technology has impacted libraries significantly, whether it is decreased door counts or increased use of virtual resources and especially academic libraries have faced a great deal of changed in recent years. Users have more options than ever for filling their information needs. LIS professional must be creative and innovative in order to serve their user or client to the fullest. Professional have to reach more users in a verity of users in a verity of ways as their collection and services move in to an increasingly virtual environment, they have to provide their users greater access to in-house as well external resources which is exactly what they want.

2. Internet

Internet is a network of networks, when tens of thousand of computers connected to a world wide network, talks to one another through a common communication protocol. Originally designed to be inter-network connecting scientific and educational institutions. Internet is the most important place today to look for any type of information especially general reference sources. Now there are lakes and lakes of libraries and database in the internet. Now a day's maximum numbers of library to provide their

service through internet only. We can see the public libraries, libraries of specialized research institutes, video libraries, sound record collections and many more things. Seating on a chair in the home or office anybody can fly to the reading reference room of the libraries existing in other side of the globe. Internet is a part and parcel of library services of any kind of library in today's world.

Here in this paper I discussed some birds eye view of the libraries and related sites on the internet which will be useful to information service professional to help all type of users. Subject wise presentation of all the sites and the necessary information is discussed.

3. General

(i) ALA: American library association;- the ALA home page provides ALA members and the public with information from and about ALA, as well as information about libraries and librarianship from other sources. To log on- http://www.benedict.com/index.html

(ii) Amazon.com books: - It is touted is the Earth's Biggest bookstore. This site boasts a greater selection of books than any other in the world. To log on-http://www.amazon.com

(iii) American memory project:- American memory project, from the library of congress, contains sound recording, prints, and photograph, primary source material and archival materials relating American culture. The library of congress American memory, web page can be reached via- WWW.http://1cweb2,loc.gov/ammem/ammemhom.html

(iv) Berkeley public library on line reference:- A truly awesome collection of resources related to the society and other related field. To log on http://www.ci.berkeley.ca.us/bpl/bkmk/ref.html

(v) CARL: Colorado Alliance of research library offer much more than just an online library catalog of Colorado academic, public and special libraries. The uncover document delivery service is open to all public, the entry point of CARL system is- http://Telnet:database.carl.org.

(vi) Chicago public library: - It is available at the Harol Washington library centers government publication dept and six neighborhood libraries. To log on- http://cpl.lib.uic.edu

(vii) Info Zone: - Research skill area this site explains the process of doing research through each step and providing link is along the way. To log on http://www.mbnet.mb.ac/mstimson

(viii) Innovative Internet Application in libraries:- This www site provides a convenient place to explore how library are using the internet to improve service. To log on- http://frank.mtsu.edu/ kmiddlet/libweb/innovate.html

(ix) Library of congress:- At the library of congress site we gain access to over 70 Online Document without having to endure cranky libraries. To log on- http://www.loc.gov

(x) www virtual library:- A hypertext document links us to the internet collection of Resources on various topics in www, Gopher and FTP. This is good place to start a Research project. Alphabetical by keyword. to log on- www.http://www.w3.org/pub/

3.1   Library and Information Science

(i)   Alex:- A catalog of electronic texts Alex use Gopher to find and retrieve the full text of over 700 texts the internet taken from project Guttenberg, writ top , the online boo initiative , Virginia tech, the English server at Carnegie M Meet university and the online portion of the oxford text archive. It can search by author or title Gopher. Log on at:- Gopher://gopher.rsl.ox.ac.uk/11/lib-com/hunter

(ii)   Cyber Dewey:- This comprehensive site includes an alphabetical index to Dewey division. To log on:- http://ivory.Im.com/mundie/DDHC/cyberDe wey.html

(iii)   Oriented Internet Guides:-   University of Michigan library and the school of Information and library studies began the clearinghouse on a joint project to help make Librarian and students more aware of the wealth of the internet resources for reference and collection development work. To log on at:- www:http://www.lib.umich.edu/chhome.html

3.2   Encyclopedias

(i)   Britannica on-line:- we may want to pull the Britannica salmon out of the azaleas. This house-holds name in reference materials now offer the worlds first on-line encyclopedia to access information using this sites we have to pay $25 for registration fee and $150 per year for home use. To log on this site:- http://www.eb,com

(ii)   Encyclopedia mystica:-   Here we can get information about the mythology, folklore, and Legends and to log on this site:- http://www.bartnel-micha/mystica.html

4.   Philosophy and Religion

(i)   Finding Good is cyberspace:- The site is guide us to religious studies resources as the internet. To explore this sites we have log on:- Users.ox.ac.uk/mikef/qurham/greaham.html

(ii)   Islam's home page:- A valuable Islamic resource containing articles about various Islamic is-sues. The English translation of holy Quran and several Islamic prayers can be found to log on- www.utexas.edu/students/amso

5.   Social Science

5.1   Economics

(i)   Economics development information network:- This service is provided by Pennsylvania state data center containing the information about business, capital resources, government, income, labor force, economic development, agriculture and international trade. To log this sites;
         Telent: psuvm.port23 and Gopher:psuvm.psu.edu

(ii)   Indian census data:- This site is the joint project with ICSSR giving crops and production data, panel census data 1961, 1971, 1981 to log on this site- ftp://cwmills.umd,edu/pub/india

(iii) Statistical Abstract:- Content this site collection of statistics on social economic and interna tional subject. To log on this site http://www.sensus.gov/sat_abstract/

5. 2   Law

(i) Internet Law Library: - Information gathered for the U.S House of Representatives is available. We will find links there to federal, state and international laws and treaties to log this site http://www. Pls.com:8001

(ii) Legal information institute;-   This sites is sponsored by Cornell law school's legal information institute including recent supreme court decisions, recent decision, of the new York court and other important legal documents. To log on this sites   http://www.law.cornel.edu/lii.table.html

5.3   Sociology

(i) SOLO lifestyles for singles: -   This site gives us current and interested topics in today's Signals and also offers personal ads matchmaking services. To log on this site – www.solosingles.com

5.4   Public Administration

(i) Fed information network: - This sites links to every federal government web sites there is. It provides most of valuable links listed on the main page. To log on this page www.fedworld.gov/

(ii) United Nations:-   this home page offer tours of its famous facilities updates, summaries of general activities, news releases, securities council information to log on this sites – http://www.un.org.

6.   Language

(i) Hypertext Dictionary: - This is an online dictionary enter the word about which we want more information in the space provided and submit our entry. To log on this site- http://c.gp.cs.edu.5103/prog/webster

(ii) SIRS: The knowledge source:- knowledge source is a list of links of sites on the web organized according to the topics included on the SIRS CD-Rom database. To log on this site- Product http://www.sirs.com/tree.html

7.   Natural Science and Mathematics

(i) Alfred science and mathematics for polar and marine Research:- Here we can get huge amount of information about the global change research. To log on this site-http:/www.awi_bremerhaven.de

(ii) NASA Home page:- This is the home page for the National Aeronautical and Space Administration. Click on gallery and you can see the photograph taken from space. To log on- http://www.fafc.nasa.gov/nasa_homepage.html

(iii) Science for millennium:- It is an online expo emphasizing outer space, advanced computing and virtual environment with multimedia files. To log on – www.ncsa.uiuc.edu/cyberia/expo

7.1 Astronomy

(i) Astronomy related web sites:- this site offer extensive listing of astronomy related web sites and indicate brief description. To log on- www.skypub.com/links/astroweb.html

(ii) Solar system stimulator:- If we pick up our planet position, data, time and field of view the stimulator to see the universe from our own special standpoint. To log on this site-
http://Space.jpl.nasa.gov

7.2 Physics

(i) Albert Einstein:- the image and impact:- many document on Einstein and Einstein in various media are stand in this site. To log on – www.aip.org/history/einstein

(ii) Virtual reality version:- we can see the thousand of virtual reality movie on subject on this site. To log on this site- http://Sherpa.sandia.gov/asteriod

(iii) Earth from Space:-   the library contains database having more than 2,50,000
Photographs of earth. To log –   http://earth.jsc.nasa.gov

7.3 Biology

(i) Cells Alive: - The library contains mug shots and movie of microscopic cells. To log on-
www.cellsative.com

(ii) Tree doctor:- this is the place to go to find answers to your quarries from urban tree, all about the diseases and pests, tree topping the tree doctor will gladly answer our quarries. To log on this site- www.1stresource.com/t/treedoc/

(iii) Visual human project:- This site contains detail representation of the male and female human body. To log on- www.nlm.nih.gov/reaearch/visible/visible_human.html

7.4 Animal

(i) AVMA network:- American veterinary Medicine Association:-this site is an excellent source for information on caring for our pet. To log on- www.avma.org

(ii) Pet care corner:- this site is owners questions asking about their pets health. To log on
www.pet_vet.com?index.html

8. Technology and Applied Science

(i) Ask an Earth:- Science and Technology: The site contains ask on expert E-mail Addresses and web site from astronomers and nuclear power expert. To log on- www.askanexpert.com

(ii)   Department of Electronics, India:- Gives information about the department an its organization, staff and activities. Also provide information about Indian electronics and information technology industry. To log on- www.doe.gov.in

(iii)   Indian Web service:- Many educational research institutes of India listed here can be accessed through web sites of institute of mathematical science. To log on-
http://www.imsc.ernet.in/serverhtml

8.1   Medical Science

(i)   American Heart Association National enter:- here we can get the guidance of how to save from heart stock and over 300 article on related to the heart disease. To log on-
www.amhrt.org

(ii)   Ayurveda College online:- It is a project of jiva institute, faridabad. Through this sites We get information about ayurbeda. To log on – www.ayurvedic.org

(ii)   CDC home page:- gives information on disease, health risks, prevention, guidance and Strategies. To log on- www.cdc.gov

(iv)   Medicine online:-   serve as a commercial online medical information service. Serve as a get way to access other health information service on it. To log on- www.meds.com

(v)   National Institute of Health: -   this site gives news reports and a reach set of links including consumers' health services and guide to other health institute. To log on - www.nih.gov

8.2   Engineering

(i)   Automotive learning online;- this site is an online peck under the hood for the automatically challenged with automation and diagrams showing how our car system work. To log on-
www.InnerAuto.com

(ii)   Home Team: -   Contains information on intelligent home design, lighting Controls Standards security system, communication system and more. To log on- www.hometeam.com/

8.3   Computer Science

(i)   Web developers virtual library:- this simple savvy site offer link to important style guides, technical sites, development tools, and even web related jobs, listing. It also features spectrum. The WDVL journal, an online magazine. Whether we are choosing a web server or examining our use of hypertext, spectrum is the e-zinc. To log on- http://www.enterprisse.net/stars

9.   Fine Arts

(i)   Metropolitan museum of Arts, New York:- One of the largest art museum in the world, its collection more than two million works of Arts. 5000 years of work culture.
www.metmusum.org

(ii)   Web museum Paris: – This site provides all the arts information. And additional links to a glossary, web museum network and even tours of Paris. To log on - http://www.emf.net/wm/

9.1   Music

(i)   Newbie's Guide to Music:– this beginners guide is an excellent starting point for any type of music. Link includes jazz and blues, rock/pop, country folk instrument and many other items. To log on– http://ug.cs.dal.ca.3400/music.html

10.   English Literature

(i)   Work of William Shakespeare:–   Here we will get the information of Shakespeare's work his almost all the work we can get this sites. To log on– http://the-tech.mit.edu/shakespear/works.html

11.   Geography and History

(i)   African American History:– A page devoted to the history of Africa American's with text of document relating to Buffalo soldiers the history of slavery in the united state, Africa American Scientist and many more. To log on– http://usaj afro-amer/afro.html

(ii)   India World:– It is a comprehensive service on the Net. For India related news, business, trade and commerce, art book, and travel. It includes the Indian version of electronics journal and many more. Some services are free and for some we have to pay fee.
http://www.indiaworld.com;1500/open.world/index.html

(iii)   Virtual Turist2:–   VT2 is a web's most extensive for library of community maps. Here we can find general information, tourist guide and maps of thousand of places. To log on–
http://www.vtourist.com/vt/

12.   Journal

(i)   ARL: Directory of Electronic Journal:– This project is from Association of Research Libraries here we can get the information all journal and newsletters and the subscription information. To log on– www.http://ral.cni.org/pubscat/publist.html

(ii)   Career Magazine:– this on-line magazines gives list of current jobs opening, resumes on-line, employer profiles, as well as to link to career information. To log on–
http://careermag.com/creermag

(iii)   News Link:– this is the most comprehensive on-line news resource featuring 558 news papers, 420 broadcast, 572 magazines, and 531 special links, surveys and top ten list. Publisher's sites, magazine sites and Research sites all this information we can get this site. To log on–
http://www.newslink.org

13.   Conclusion

Internet has played a pivotal role in materializing the effectiveness of communication system to the doorsill of users. The development of country primarily depends upon the advancement of communication technology. The convergence of information technology and communication technology has helped us to reach to a particular goal in the technological scenario of the world. The library is the present days explored the electronic book service through adoption of new technological devices and disseminated properly in an organized manner which not only facilitated the academic professional but some other users also. With the help of internet any one can make an endless thematic tour through information on libraries around the world. Internet provides instant access to billions of information sources, which includes books, reports, journals, video films, and sound recordings on any topics. Present day library can't fulfill the needs of users without a proper internet connection. The increasing amount of price of all the books and journals no library can serve towards the right direction to its users/clients but through the proper connectivity of internet the purpose can be fulfilled with satisfactory manner. Due to this recent development of IT, the scenery of the traditional library or the services of the traditional library has changed tremendously and rapidly, to cop up with the change we can't ignore the internet service to introduce in the library in house operation duties.

References

1.   Ramamurty, CR:"Globalization and library Information Networks".2004, Author press Pub, Delhi.
2.   Verma Kusum: " The Electronic Library",2004, Akansha Pub; Delhi
3.   Lahkar, N, "Changing Library Scenario in Digital Era", An edited book Pub by, ACL: Guwahati,2008
4.   Nair, R. Raman, " Accessing information through Internet", 2002, Ess Ess Pub, New Delhi.
5.   Conference Proceedings: PLANNAR 2006; Mizomar University: Ed by INFLIBNET, Ahmedabad.
6.   Conference Proceedings: PLANNAR 2007; Gauhati University: Ed by INFLIBNET, Ahmedabad
      www.Googol.com
      http//www.lebqual.org
      www.spie.org/reviews
      Free on-line library.html at Gogool.com

About Author

Mr. Jutika Nanda Das, Librarian, Delhi Public School, Dimapur. Nagaland
E-mail:jndas1@rediffmail.com