CONTENT ANALYSIS STUDY OF STATE UNIVERSITY LIBRARIES WEBSITES IN MAHARASHTRA

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Abstract:

Growth of website is increasing very fast. So it is necessary to study about reliability of them. An attempt has been made in this paper to analyse the library web portals of University libraries in Maharashtra in order to enhance the effective use of library web sites to become more user friendly for information access. Present paper is aimed to study and analyse the various aspects of State university libraries Websites of Maharashtra. Study has selected twelve state universities from all over the Maharashtra. The analysis of the data represents the extent and level of credibility possessed by these Universities. This study evaluates the content of university library websites.

Keywords: Library Portals, University Library websites, Library and World Wide Web.

1.0 Introduction:

Last few years the web has become a vast storehouse of information, ideas, opinions, data and self-promotion. The evaluation of Web site plays an important role in its maintenance and development. The information on the Web site provides a great opportunity to learn and faster communication. The quantity of information distributed on the Internet is rising much more quickly than that available through other mass media. There is a need to critically assess the quality of Web sites and to determine the extent to which they meet users' needs and requirements. The Librarians as content managers in the web world rely on their Web sites and on their Web catalogues to provide users with a variety of information, access to full-text resources and digital library services. This growing reliance on the Web to deliver library services and resources means that academic libraries must pay more attention to how effective their sites are and how easy they are to navigate. Since the web sites in general and library web sites in particular plays dominant role in marketing their information products and services, special care has to be given in designing and implementing library web sites for information accessibility and use.

The library web site might be able to provide information services, by means of publicizing the library resources and its services; providing considerably enhanced access to library services and other electronic sources for user; providing a window to selected, quality-filtered information geared to the specific needs and interests of user; offering an effective, customized access to the large variety of electronic journals which the library provides; and making available internal resources and products.

The evaluating the library web sites in Maharashtra has been made an attempts to enhance the effective use of library web sites to become more user friendly for information access. Different library website studies were organized to evaluate different criterion, content, page design etc.

2.0 Objectives of the Study:

The study aims to determine the information content on the library web pages of university web sites in Maharashtra for better accessibility and use. Objectives of present study are

1. To know the presence of library websites of universities;

2. To determine the basic information about the library available on the web site;
3. To know, whether the librarians provide links to other important web resources for users;
4. To know whether the library web sites makes provision for searching information including Web OPAC and Feedback form;
5. To identify the library services offered to the users through the web pertaining to books, journals and other information services;
6. To analyse and evaluate the contents provided through library websites of universities.

3.0 Scope of the Study:

This study has analysed state universities' library websites in Maharashtra. There are 12 state universities in Maharashtra. Present study has selected state universities non agricultural Universities with excluding open university. The content of the selected university library websites were analyzed. A matrix was developed to reflect the features that might be found on library website, based on literature. This matrix was then used to record the features present in each website. These library web pages observations have carried out up to March 2017.

4.0 Data Collection and Interpretation:

Data is collected from particular university library websites and analysed in the form of tables. Statistics is arranged descending order in these tables.

4.1 Information of URL's of University and University Libraries:

Detailed information about university names, establishment, university and library URL'S along with abbreviation of university names for study is given in table No. 1.

Sr. No.	Names of the Universities	Abbreviated Name	Year of establishment	University and University Library URL's
1	Mumbai University, Mumbai	MUM	1857	http://mu.ac.in/ http://mu.ac.in/portal/services/library/
2	Rashtrasant Tukdoji Maharaj University Nagpur University, Nagpur	RUN	1923	http://www.nagpuruniversity.org/ http://www.nagpuruniversity.org/links/Central_Library_links.htm
3	Savitribai Phule *Pune University*, Pune	SUP	1948	http://www.unipune.ac.in/ http://lib.unipune.ac.in:8002/jl/
4	S.N.D.T. Women's University, Mumbai	SUM	1949	https://sndt.ac.in/ https://sndt.ac.in/university-library/ul-intro.htm
5	Dr.B.A.M. University, Aurangabad	BMA	1958	www.bamu.ac.in http://www.bamu.ac.in/library/KRC/BAMU_WEB/
6	Shivaji University, Kolhapur	SUK	1983	http://www.unishivaji.ac.in/ http://www.unishivaji.ac.in/library/
7	Sant Gadgebaba Amravati University, Amravati	SUA	1983	www.sgbau.ac.in/ http://www.sgbaulib.com/
8	North Maharashtra University, Jalgaon	NUJ	1990	www.nmu.ac.in/ http://www.nmu.ac.in/clp/en-us/home.aspx
9	S.R.T.Marathwada University, Nanded	SUN	1994	http://www.srtmun.ac.in/en/ http://www.srtmun.ac.in/en/library.html
10	Solapur University, Solapur	SUS	2004	http://su.digitaluniversity.ac http://su.digitaluniversity.ac/Content.aspx?ID=67

| 11 | Gondawana University, Gadchiroli | GUG | 2011 | http://gondwana.digitaluniversity.ac/ http://gondwana.digitaluniversity.ac/Content.aspx?ID=67 |
| 12 | Kavikulguru Kalidas Sanskrit Vishwavidyalaya, Ramtek Maharashtra | KUM | 1997 | http://kksanskrituni.digitaluniversity.ac http://kksanskrituni.digitaluniversity.ac/Content.aspx?ID=29371 |

Table No.1 Information Of URL's Of University And University Libraries

Table No. 1 shows that the detailed information of university libraries URL's and year of establishment. Mumbai University and Rashtrasant Tukdoji Maharaj University Nagpur are old universities. Present study has selected state universities non-agricultural Universities with excluding open university.

4.2. Detailed Information of University Library Names and Librarians

Table No. 2 shows that the information regarding library name, appointed librarian, librarians name, vice chancellors name.

Library	Name of the Library	Librarian Filled	Name of the Librarians	Name of the Vice Chancellor
MUM	Jawaharlal Neharu Library	I/C	Shri. B. K. Ahire	Dr. Sanjay Deshmukh
RUN	Dr.V.B.Alias Bhausaheb Khote Library	Yes	Dr.Kishore B. Kale	Dr. Siddharthavinayaka P. Kane
SUP	Jaikar Library	Yes	Dr. Rajendra Kumbahr	Dr.W.N.Gade
SUM	University library	Yes	Dr. Subhash P. Chavan	Prof.Shashikala Vanjari
BMA	Knowledge Resource Centre (KRC)	yes	Dr. D. K. Veer	Dr. Balu Chopde
SUK	Barr. B. Khardekar library	Yes	Dr. Mrs. Namita B. Khot	Dr. Devanand Shinde
SUA	(SGBA) University Library	Yes	Dr. Mohan R. Kherde	Dr. Muralidhar Chandekar
NUJ	Central Library	deputy lib	Dr.Anil N. Chikte	Prof. P.P.Patil
SUN	Library	deputy lib I/C	Dr.Jagdish N.Kulkarni	Dr.P.B.Vidyasagar
SUS	University library	Prof. I/C	Dr.E.N.Ashok kumar	Prof.N.N.Maldar
GUG		No		Dr.N.V.Kalyankar
KUM	Kavikulguru Kalidas Sanskrit University library	acting	Dr. Deepak Kapade	Dr.Uma Vaidya

Table No.2 Detailed Information Of University Library Names And Librarians

Table No. 2 shows that, 6 university libraries have appointed full-fledged librarians. MUM, NUJ, SUN, SUS, KUM has In-charge or charged to deputy librarian. GUG library has no librarian. Information of University library names and librarians.

4.3. General Information from University Library Website
Following table shows general information which is appeared on library webpage's.

Table of General Information on library URL's

Name of the Universit1	Total No.	Percentage %
Library rules	9	75.00
History/About Library	8	66.67
Contact us	8	66.67
Library hours	7	58.33
Membership	7	58.33
Website in other languages (Marathi/ Hindi)	7	58.33
FAQ	7	58.33
News and events	6	50.00
Copyright	6	50.00
Library Staff	6	50.00
Location	5	41.67
Mission statement	4	33.33
Date of updating	4	33.33
Sitemap/Floor map	3	25.00
Library Committee	3	25.00
Administrative activities	1	8.33
Library Statistics	1	8.33
Feedback	1	8.33
Library tour	0	0.00

Table No.3 General Information from University library Website

Table No. 1 is expressed that 75.00% of university library websites contains the library rules. The 66.67% university libraries has provide information of library history, about library and contact us features. It is very good indication that most of the university library websites in Maharashtra include the information about library history and contact us. Information of Library hours, Membership, Website in other language (Marathi/ Hindi) and FAQ (Frequently asked questions) features given by 58.33% university libraries in their portals. FAQ are listed questions and answers which arise by previous users or displayed for make trouble free to user on specific topic. In the library, there are some questions and answers. With help of this FAQ, some user can easily know any general query just looking the FAQ. That is why FAQ helps the users to get the general information of their need and save the time of the user as well as library staff.

It is revealed that, 50.00% of university library websites in Maharashtra make an available the information of News and events, Copyright, Library staff. News and events gives information about the present and feature activity of the library for user convenience. Copyright provides information about right of web page design. Library staff information is also given to library web pages for user to whom to meet for their need.

It is shown that 41.67% of university library websites has provided information of location. Study revealed that 33.33% of university library websites gives information of mission statement and date of updating. Information of Sitemap or floor map and library committee is given by 25.00% libraries. Study shows that Administrative activities, Library Statistics and Feedback given by 8.33 university library websites in Maharashtra. Very few university libraries have given information of Administrative activities, Library Statistics and Feedback on their websites. Library tour is not shown by any university library on their websites.

4.4. Collection Information on Websites

Table No. 2 shows that collection information on universities library web pages in Maharashtra. Collection includes the information about books, Audio Video, Journals, Microform, Maps, Manuscripts, Photographs, Dissertation and Project.

Information of Library Collection

Collection	Total No.	Percentage %
Books	11	91.67
Journals and Newspapers	9	75.00
Thesis/ Dissertations	7	58.33
Institutional Repository	7	58.33
Audio Video Material and CD/DVDs	6	50.00
Manuscripts	6	50.00
Clippings	5	41.67
Back Volumes	5	41.67
Rare /Special Collection	3	25.00
Films	2	16.67
Pamphlets	2	16.67
Children's	1	8.33
Microforms	1	8.33
Maps	1	8.33
Music	1	8.33
Projects	1	8.33
Library Boucher	1	8.33
Photograph	0	0.00

Table No.4 Detailed information of Library collection

Table No. 4 shows the relevant feature of collection on university library websites. The 91.67% university library websites have information of available books. GUG University is not given information of books due to nonexistence of librarian and newly establishment. Study shows that 75.00% university library websites have provide information of Journals and newspapers.

University Library in Maharashtra have Thesis/ Dissertations, Institutional Repository, this information has given by 58.33% libraries. 50.00% university library websites consist information of Audio Video Material and CD/DVDs and manuscripts. Clippings and Back volumes information is given by 41.67% university library websites in Maharashtra. Only 25.00% libraries websites have information of Rare/ Special Collection. Films and pamphlets information is provided by 16.67% library websites. Study shows that 8.33% university library websites have information of Children's collection, Microforms, Maps, Music and Projects. Collection of photograph have not found in university library websites in Maharashtra. Information about the library collection provided by the university libraries were given by near about all of the selected libraries.

4.5. Library Online and Electronic Collection (E resources)

Table 4 shows the information about e-books, e-journals, online database, intranet, online seminars, and institutional repository under the e-resources. Electronic collection like E-books, E-Journals is a form of digital publication. It consisting of text, images, audio-visual and produced on, published through, and readable on computers or other electronic devices. Due to electronic format it solves the space problem in the library. In one time, several users can use the same electronic resource on their electronic device.

Information of Online and Electronic Collection (E resources)

E-Resources	Total No.	Percentage %
E-journals	9	75.00
Online databases	9	75.00

E-books	8	66.67
Resource Link	7	58.33
Gallery	4	33.33
UGC info net Consortium	4	33.33
Question papers	3	25.00
Syllabus	2	16.67
Inflibnet- Nlist or databases	2	16.67
Online exhibitions	0	0.00
Online seminars	0	0.00

Table No.5 Detailed information of Library Online and electronic collection

Table No. 1 is expressed that 75.00% of university library websites in Maharashtra have furnished the information about E-journals and online databases. The 66.67% of university library websites in Maharashtra gives the information about e-books. Resource link is also provided by 58.33% university library websites. Gallery and UGC Infonet consortium information have displayed by 33.33% university libraries in Maharashra. 25.00% universities have provided question papers in electronic format through their websites. Syllabus and Inflibnet – N-List database information have given by 16.67% universities library websites. Information of Online exhibitions and online seminars have not furnished by any university library website.

4.6. Library Services and Facilities:

Library services and facilities shown on university library websites is examine as follow. These services and facilities have include OPAC, inter library loan, document delivery service, reference service, bibliography, reprography, indexing service, reading room and training & guidance. An Online Public Access Catalogue (OPAC) is an online database of materials hold by a library. Users search a library catalogue to locate books and other material physically located at a library.

Information of Library Services

Services	Total No.	Percentage %
Loan-Issue and Return	10	83.33
Reference	10	83.33
Internet Lab./Service	10	83.33
OPAC	9	75.00
Reprography	8	66.67
New arrivals	7	58.33
Reading room	7	58.33
Bibliography	6	50.00
Training and guidance OC/Information Literacy	6	50.00
Publications Link	5	41.67
Inter Library Loan (ILL)	5	41.67
Current Awareness Service	3	25.00
Reservation	3	25.00
Plagiarism Check	3	25.00
Document Delivery Service	2	16.67
Referral	2	16.67
Remote Access	2	16.67
Indexing Service for researchers	0	0.00

Mobile library facility	0	0.00

Table No.7 Detailed information of Library Services and facilities

Table No. 5 is shows that information of university libraries provided services and facilities on their websites. The 83.33% of university library websites have information of Loan-Issue and Return service, Reference service, Internet Laboratory Service. OPAC service availability information is shown by 75.00% university library websites. Study revealed that 66.67% university libraries websites has information of reprographic service. New arrivals and reading room facility provided by 58.33% university libraries. 50.00% of university library websites have provide information of bibliography service and Training/ guidance/ orientation course (OC) or Information Literacy. Information of Publication link and inter library loan (ILL) facility provided by 41.67% university library on their websites. The 25.00% of university library websites have provided information of Current Awareness Service, Reservation facility and Plagiarism Check facility. Information of Document Delivery Service, Referral service and Remote Access facility is given by 16.67% university libraries websites. University library websites in Maharashtra have not displayed any information regarding Indexing Service, Mobile library facility.

5.0 Findings

- Present study's findings are as follows.
- Five university libraries have In-charge or charged to deputy librarian, there is no full fledged librarian. GUG library has no librarian.
- Study shows that, 75.00% of university library websites contains the library rules and 66.67% university libraries has provide information of library history, about library and contact us features.
- Very few university libraries have given information of Administrative activities, Library Statistics and Feedback on their websites.
- Library tour information is not shown by any university library on their websites in Maharashtra.
- Study revealed that, 91.67% available books information and 75.00% subscribed journals information displayed on university library websites.
- Study shows that 8.33% university library websites have information of Children's collection, Microforms, Maps, Music and Projects.
- Information about the library collection provided by the university libraries were given by near about all of the selected libraries.
- Collection of photograph have not found in university library websites in Maharashtra.
- Study has found that, 75.00% of university library websites in Maharashtra have gives the information about E-journals and online databases.
- Very few university libraries have furnished information of Syllabus and N-List database.
- Information of Online exhibitions and online seminars have not furnished by any university library website.
- Issue and Return (loan) service, Reference service, Internet Laboratory Service information have given by 83.33% of university library websites.
- Very few university libraries have information of Document Delivery Service, Referral service and Remote Access facility on their websites.
- Information of Indexing Service and Mobile library facility have not displayed by any university library website in Maharashtra.
- BMA and RUN has also provided bibliographical information of Ph.D. completed students.
- Dr.BAMU, Aurangabad has provide separate Research link for different type of information to research students, who are perusing their Ph.D. degree. Under this link it has provide information for Ph.D. Style Manual-File, Format For Ph.D. C.D. Submission, Shodganga Student, Approval Form, Shodhganga, Shodhgangotri, Vidyanidhi, Digital Repository, Reseracher Index, Theses Database, Ongoing Research Projects, Institutional Repository
- Sant Gadgebaba Amravati University, Amravati has provide Indcat link.
- SUP has started online Document Delivery Services.

6.0 Conclusion:

University libraries in Maharashtra has designed their library websites and maintained well. As Library portals reflects the mirror of its image, the existing guidelines and standards taking into consideration of local variation has to be designed by forming a team of web content managers to give a meaning to the Information officers in the techno-environment.

Social networking tools are increasingly used in the information environment. It is crucial for librarians to understand how these social networking tools work and learn how to use them in order to better serve their library users. These social networking tools help students to access library resources and contact library staff. These libraries have scope to modify with new kind of services like conference/ seminar service, counseling service, research service, remote access, mobile library services, different kind of apps.

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