

“A Study of Web Credibility of Sanskrit University Websites in India”

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Abstract

The growth of the Internet and the World Wide Web in the present era has a great impact on almost every human activity and education owing to the information component attached to this profession. The paper deals with 16 homepages of Sanskrit University in India. The homepages of these universities have been analyzed using selected criteria like URL Extensions, Contact Details, Authority Details, Content coverage and status links on the Home page, Activities, User support Links, Information about the Library and e- services provided by university libraries.

Keywords

Sanskrit Universities in India, Internet terminology, Web Credibility

Introduction

Today library operations are of an entirely different form. There has been a lot of difference in what has been experienced in the past and we thus expect a tremendous change in the future too. These changes may affect almost all the fields of Library Management. The latest invention in a communication system is a network of networks. Internet information retrieval is possible easily and speedily by using internet in the libraries. Information technology has an important role in Library Management. The explosive growth of the Internet and the World Wide Web in recent years has had an impact on the information professional. It has registered a sea change in the information-seeking approach as well as the mode of dissemination of information. The www has

now become one of the main sources of information that is processed, transmitted, stored, retrieved and disseminated at good speed and convenience. The current study has been made to analyze the websites of Sanskrit University in India taking into following criteria such as URL Extensions, Contact Details, Authority Details, Content coverage and status link on the Home page, Activities, User support Links, Information about Library and e- services provided by university library etc.

Sanskrit Universities in India

The Government of India and the University Grants Commission have played a vital role in the establishment of Sanskrit Universities in India. Currently, there are 18 Sanskrit Universities all over India. 14 State Universities, 03 Central University and 01 Deemed University established by various state governments such as Bihar, Maharashtra, Madhya Pradesh, Rajasthan, Uttar Pradesh, Gujarat, Orissa, Kerala Assam, Karnataka, Andhra Pradesh ,Delhi and Uttarakhand.

Sr. no.	Name, place	Year Est.	State	Type
1	Sampurnanand Sanskrit University (former Government Sanskrit College)	1791	Uttar Pradesh	University
2	Poona Sanskrit College (Deccan College)	1821	Maharashtra	Deemed University
3	The Sanskrit College and University	1824	West Bengal	University
4	Kameshwar Singh Darbhanga Sanskrit University	1961	Bihar	University
5	National Sanskrit University	1962	Andhra Pradesh	Central University

6	Shri Lal Bahadur Shastri National Sanskrit University	1962	Delhi	Central University
7	Central Sanskrit University	1970	Delhi	Central University
8	ShriJagannath Sanskrit University	1981	Odisha	University
9	SreeSankaracharya University of Sanskrit, Kalady	1993	Kerala	University
10	KavikulaguruKalidas Sanskrit University,Ramtek	1997	Maharashtra	University
11	JagadguruRamanand acharya Rajasthan Sanskrit University	2001	Rajasthan	University
12	Uttarakhand Sanskrit University	2005	Uttarakhand	University
13	Shree Somnath Sanskrit University, Veraval	2005	Gujarat	University
14	Sri Venkateswara Vedic University,Tirumala	2006	Andhra Pradesh	University
15	Maharshi Panini Sanskrit Evam Vedic Vishwavidyalaya	2008	Madhya Pradesh	University
16	Karnataka Samskrit University	2011	Karnataka	University
17	Kumar Bhaskar Varma Sanskrit and Ancient Studies University	2011	Assam	University
18	Maharishi Balmiki Sanskrit University	2018	Haryana	University

*Row data is collected through https://en.wikipedia.org/wiki/List_of_Sanskrit_universities_in_India from 01 October 2020

Internet terminology

The Internet is populated by two types of computer programs such as servers and clients. The important terms related to the internet are described below:

Home page – the main page of a website is called the homepage. This is the first page which appears when we open a website.

Hyperlink- A Webpage has many things such as links to a topic which may be on the same page or on an entirely different document these are called a hyperlink.

URL- the Uniform Resource Locator is the address of a webpage. It is unique for each webpage.

Web Page- Webpage is a page on the internet which contains information in the form of text, graphics, and audio video. It has links to other web pages. It has its web address.

Website- a Website is a collection of web pages containing information that is related.

World wide web- World Wide Web is a collection of various websites. It is a large system of servers which offers all kinds of information on the net. The World Wide Web was invented by Sir Tim Berners-Lee in 1989. (Arora, 2018)

Web Credibility

According to B. J. Fogg, "Web credibility is about making your website in such a way that it comes across as trustworthy and knowledgeable." (Jayasundari and Jayshankar, 2014)

Review of Literature

Hirwade's (2006) book "Websites of Indian Universities: An Evaluation" is based on a PhD. Research work in Library and Information Science. In this study 273 Indian Universities were selected and evaluated by using selected criteria like the structure

of content, Authority, updating, number of hyperlinks and graphics, animations and images on the library pages and their impact on the speed of downloading.

Lihitkar's (2008) paper deals with 11 home pages of a library consortium in India. The webpages are studied by using selected criteria like contact details, content coverage and e-journal links on the home pages.

Ramesh Babu; Jeyshankar and NageshwaraRao (2010) examined the Webometrics factors of Central University in India. This study covered 40 central University websites in India and observed domain names, the number of webpages and link pages and calculates the different web impact factors for central universities in India.

Jayasundari and Jayshankar (2014) conducted the present research to check the credibility of IIMs websites as well as library webpages in India. This study covers 13 IIMs in India and all have their website available on the Internet, but 9 IIMs are a separate link from the library's webpage on the website. This article focuses on guidelines for web credibility.

Vijayakumar (2014) made a Webometrics study of the 19 universities established in Sri Lanka. This study focused type of domain names, links, self-links and ranking of Sri Lankan universities based on the web impact factors.

Scope of the Study

This study covers all the Sanskrit Universities established in India. 18 Sanskrit Universities have been established in different states in India. All have their website launched in the WWW, but two Sanskrit University websites are not working properly and 14 have a separate link for a library web page on their website. So this study has examined the websites of 16 Sanskrit Universities in India.

Objectives of the Study

The study is carried out in the view of following objectives

*To find out of Sanskrit Universities website on the Web

*To identify the domain of Sanskrit Universities in India.

*To collect the data regarding the structure and content of the homepages of Sanskrit Universities.

*To analyze the library webpages of Sanskrit Universities in India.

Methodology of the Study

The research method used in this study is a survey method. The data collection method extensively makes use of detailed worksheets prepared for the contents in the home pages of Sanskrit Universities in India like URL extensions, information about library and providing e-services of the university library etc. The collected data is analyzed with statistical tables and finally interpretation of data is done.

Data Analysis and Interpretation

Table no. 01

Classification of Sanskrit University by Year of Establishment

Sr.no	Period of Establishment	No of University	Percent age
01	Before Independence	03	17
02	Between 1948 to 1957	00	00
03	Between 1958 to 1967	03	17
04	Between 1968 to 1977	01	5.55
05	Between 1978 to 1987	01	5.55
06	Between 1988 to 1997	02	11
07	Between 1998 to 2004	01	5.55
08	Between 2005 to 2009	04	22
09	After 2010	03	17
Total		18	100

Table No. 1 shows that Sanskrit University had started before independence in India from the year 1791 onwards and most of the Universities have been started between 1958 and 2010

in India. The most prestigious Universities have started between 2005 to 2009

Table no. 02
Distribution of Sanskrit Universities of India by State

Sr.no	Name of the State	No of University	Percentage
01	Uttar Pradesh	01	5.55
02	Maharashtra	02	11
03	West Bengal	01	5.55
04	Bihar	01	5.55
05	Andhra Pradesh	02	11
06	Delhi	02	11
07	Odisha	01	5.55
08	Kerala	01	5.55
09	Rajasthan	01	5.55
10	Uttarakhand	01	5.55
11	Gujarat	01	5.55
12	Madhya Pradesh	01	5.55
13	Karnataka	01	5.55
14	Assam	01	5.55
15	Haryana	01	5.55
Total		18	100

It is observed from table 2 that 18 Sanskrit Universities have been established in 15 states. The highest (2) Universities have been established in Maharashtra, Andhra Pradesh and Delhi states India.

Table no. 03
Classification of Sanskrit University by URL Extensions

Sr.no	Name of the State	No of University	Percentage
01	.ac.in	13	72
02	.org	01	5.55
03	.nic.in	02	11
04	.edu.in	01	5.55
05	.ac	01	5.55
Total		18	100

Table no 3 shows the classification of Sanskrit University websites by their URL extensions. It shows that 72 % of the Sanskrit Universities have been using .ac.in as URL extension, 11% Sanskrit University websites by their URL extensions using .nic.in and only 5.55% Sanskrit Universities using .org, .edu.in and .ac. The majority of the Sanskrit Universities websites are using the same URL .ac.in

Table no. 04
Criteria for Contact Details of Sanskrit University

Sr.no	Contact Details	No of University n=16	Percentage
01	Separate Link	15	94
02	Postal Address	14	87.5
03	Phone No.	15	94
04	Fax	09	56
05	Email	13	81
06	How to reach (With Google Map)	09	56
07	Contact Details not given	01	06

- The home pages of Sanskrit University should include all the possible contact details on the home page. These details include a separate link, postal address, phone no, fax no, e-mail and How to reach with Google Maps. The observation has been reported in above Table no. 4. It is found that the Home Pages cover the contact details in three ways-
- Providing Separate Link on Home Page
- Providing contact details in Footer region on Home Page
- Many Websites are providing both the above ways of contact details.

Table No. 04 shows that contact details are on the home page. Out of 16 Sanskrit universities, 94% have separate links for contact details, 56% provide how to reach a link with Google maps and fax, and only 6% do not mention contact details on their home page.

Table no. 05
Criteria for Authority Details of Sanskrit University

Sr.no	Authority Details	No of University n=16	Percentage
01	Copyright	12	75
02	Statement	02	12.5
03	Mandatory Disclosure	00	00
04	Disclaimer	01	6.25
05	Not Mentation of Authority Details	01	5.25

Table no.05 shows Authority Detail information on the home page is on a site. The majority of 75% of the websites have given copyright, 12.5% and 6.25 % Sanskrit Universities websites have provided Statement and Disclaimer details on their websites and 5% websites do not have any information about Authority Details on their websites.

Table no. 06
Analysis of Content coverage and status link on Home page of
Sanskrit University

Sr.no	Content coverage	No of University n=16	Percentage
01	About us	16	100
02	Academics	12	75
03	Administration	16	100
04	Admission	12	75
05	Academic Calendar	08	50
06	Departments	13	81

07	Examination	14	87.5
08	Faculty	16	100
09	Library	15	94
10	Publication	11	69
11	Project	5	31

Table no.6 provides data content coverage information on the home page of Sanskrit Universities in India. All 100% of Universities have given 'about us, administration and Faculty information' on their home page. 94% of websites have been provided with Library page links; 87% and 81% of websites have been provided with department and examination links; 75% of Universities provided academics and admissions; Publication information links are provided on 69% of Universities' websites; 50% websites have provided Academic Calendar links in their home pages and only 31% Sanskrit Universities have been provided in Project links in their home pages

Table no. 07
Criteria for Activities of Sanskrit University

Sr.no	Activities	No of University n=16	Percentage
01	Events	09	56
02	News Flash	13	81
03	News Letter	05	31
04	Photo Gallery	15	94
05	Placement	3	19
06	Conference and Seminars	4	25

Table no. 07 shows that activities such as 94% majority of websites have provided Photo galleries on their home pages. 81% of Sanskrit Universities provided News Flash; 56% of websites provided Events including past and current events; 31% of Sanskrit Universities created News Letter on their home page; 19% of

websites have Placement services links and only 25% Sanskrit Universities websites have provided conference and seminars information in the homepage of their Website.

Table no. 08
Criteria for User support Links of Sanskrit University

Sr.no	User support Links	No of University n=16	Percentage
01	Link to other website	10	62.5
02	Link to search Engine	2	12.5
03	Link to other Sanskrit University	1	6.25
04	Exam result	14	87.5
05	User Login	4	25
06	Feedback	2	12.5
07	Social Media Link	7	44

Table no.08 shows that 87 % of the Sanskrit Universities in India had provided link to exam result; 62.5% of websites have provided link to other websites; 42% websites provided social media link; 25% websites have provided link to user log in; only 12.5% websites are provided link to search engine and feedback; and Link to other Sanskrit University have been provided by least number at 6% Sanskrit Universities in websites India.

Library Web Pages of Sanskrit University

The Library is the heart of any Educational Institute. So the library information must be included in the entire Sanskrit University website. The library information covered by Sanskrit University websites has been observed carefully in this study. The details of library web pages are tabulated in table No. 6. It has been found that 15 Sanskrit Universities' websites have provided separate library web pages and some Universities have information

about libraries provide some other links like facilities and student's support.

Table no. 09

Criteria for Information about Library of Sanskrit University

Sr.no	Information about Library	No of University n=15	Percentage
01	About Library	14	93
02	Library Working Hours details	3	20
03	Library Photograph	4	27
04	Library Staff	6	40
05	Rules and Regulations	6	40
06	Contact Information about Library	4	27
07	Not Mentation of above Information about Library	1	06

Table No. 9 shows that information about the library .14 (93%) libraries provided information about a Library. 27% of web pages have provided Library photographs, contact information about the library, library rules and regulations and staff information has been provided by 40% of library webpages. Only 20 % of library webpages provided information on library working hours.

Table no. 10

Criteria for Information about Library Collection of Sanskrit University

Sr.no	About Library Collection	No of University n=15	Percentage
01	Information Library Collection	10	67
02	Audio Video Reading Material	3	20

03	Information about E- Resources	7	47
04	Information about digitized resources	4	27
05	New Arrivals	3	20

According to Table No. 10, 67% of Sanskrit university websites linked to provide information about library collections; 47% have provided information about e-resources such as e-journals, e-books, and e-databases services; 27% have provided information about digitized resources; and at least 20% of websites have provided Audio /Video Reading Material and New Arrivals information.

Table no. 11

Criteria for Information Library E- Services of Sanskrit University

Sr.no	E- Services	No of University n=15	Percentage
01	Institutional Repository	02	13
02	E- Resources	04	27
03	E- Journal Consortium	03	20
04	E- Journal	03	20
05	Online Access/ Services	04	27
06	E-Content	03	20
07	External Knowledge Repository Link	04	27
08	Open Access Resources	02	13
09	Online Catalogue	03	20

According to Table No. 11, 27% of Sanskrit University websites with library home page links have E-Resources, Online Access services, and External Knowledge Repository link services; 20% of library pages have E-Journal Consortium, E-Journal, E-Content, and Online Catalogue services; and at least 13% of library

pages have Institutional Repository and open access resources services on their websites.

Finding and Conclusion

- The Study of the Websites revealed that majority of Sanskrit universities are using the same URL like “.ac.in” (72%) followed by “.nic.in” (11%).
- 100% of Sanskrit Universities are on the web, but 11% websites are not working properly.
- 94% of Sanskrit Universities’ websites have been provided with separate library web pages or some Universities have on information about libraries under some other links like facilities and student support.
- E-services such as E-Resources, Online Access services, and External Knowledge Repository link services are available on 27% of Sanskrit University Websites with library home page links.
- 13% Library pages have provided Institutional Repository and open access resources services on their Websites.
- 25% of Websites have provided links to users' log in on their Websites.
- 12.5% of Websites have provided links to search feedback on their Websites.

Suggestions

The Home Page of any Websites plays a vital role of processing, transmitting, storing and retrieving information, therefore this page needs to be attractive and properly designed with student oriented or supported links in the Websites.

- Online Catalogue link must be provided on the home page or library page.
- Log in and feedbacks are most important so they should be linked on home page.
- Library plays an important role in every Educational Institution. Hence the design of Website should be

systematically developed with Library homepage or link properly.

Conclusion

The www has now become one of the main sources of information processed, transmitted, stored, retrieved and disseminated at good speed and user's convenience. Out of the 16 Sanskrit Universities, 15 Sanskrit Universities websites have provided information about library pages. 27% of Sanskrit Universities' websites have library home page links providing the e-services likes to E-Resources, Online Access services and External Knowledge Repository services. Only 4 Sanskrit Universities Websites have provided links to user login and only 2 websites have provided links to feedback.

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- https://en.wikipedia.org/wiki/List_of_Sanskrit_universities_in_India Accessed on 01October 2020

APPENDIX: A List of Sanskrit Universities India and Its URL

Sr.no.	Name, place	URL
1	Sampurnanand Sanskrit University(former Government Sanskrit College)	http://ssvv.ac.in
2	Poona Sanskrit College(Deccan College)	https://dcpune.ac.in
3	The Sanskrit College and University	http://sansuniv.ac.in
4	Kameshwar Singh Darbhanga Sanskrit University	https://www.ksdsu.edu.in
5	National Sanskrit University	http://nsktu.ac.in
6	ShriLalBahadurShastri National Sanskrit University	https://www.slbsrsv.ac.in
7	Central Sanskrit University	http://sanskrit.nic.in
8	ShriJagannath Sanskrit University	http://sjsv.nic.in
9	SreeSankaracharya University of Sanskrit, Kalady	https://ssus.ac.in
10	KavikulaguruKalidas Sanskrit University,Ramtek	http://kksanskrituni.digitalluniversity.ac
11	JagadguruRamanandacharya Rajasthan Sanskrit University	http://www.jrrsanskrituni.ac.in

12	Uttarakhand Sanskrit University	http://usvv.ac.in
13	Shree Somnath Sanskrit University, Veraval	https://sssu.ac.in
14	Sri Venkateswara Vedic University, Tirumala	http://www.svvedicuniversity.ac.in
15	Maharshi Panini Sanskrit Evam Vedic Vishwavidyalaya	http://mpsvvujain.org
16	Karnataka Samskrit University	http://ksu.ac.in
17	Kumar BhaskarVarma Sanskrit and Ancient Studies University	http://www.kbvsasun.ac.in
18	Maharishi Balmiki Sanskrit University	http://mvsu.ac.in/#

*Row data is collected through https://en.wikipedia.org/wiki/List_of_Sanskrit_universities_in_India from 01 October 2020