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Spring 2-1-2022

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Gangwar, Rashmi and Verma, Prof. Shilpi, "UTTAR PRADESH HIGHER EDUCATION DIGITAL LIBRARY PORTAL: AN ANALYSIS" (2022). *Library Philosophy and Practice (e-journal)*. 6849.
<https://digitalcommons.unl.edu/libphilprac/6849>

UTTAR PRADESH HIGHER EDUCATION DIGITAL LIBRARY PORTAL: AN ANALYSIS

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ABSTRACT

In the current digital information environment, a well-defined e-platform is required to organize, store, retrieve and disseminate of information efficiently—the web portal facilitates users to access a wide range of web-based information resources. Here, an attempt has been made to create awareness about Uttar Pradesh higher education digital library portal. This study was conducted to the analysis of Uttar Pradesh higher education digital library portal and the findings of the study are that Uttar Pradesh higher education digital library has more than 70,000 e-contents available in different streams and students of higher-level educational institutions are taking advantage of it. The notes and educational contents of the best teachers of the Uttar Pradesh state are accessible to every student without cost. This digital library portal is a godsend for those students who do not have access to the contents of an uninterrupted internet connection in this age of online learning. They can use this to download study material at their leisure.

KEYWORDS; E-Resources, Digital Library, Higher Education, Library Portal, Website, Uttar Pradesh, Virtual Repository.

INTRODUCTION

Portal: a website serving as a guide or point of entry to the World Wide Web and usually including a search engine or a collection of links to other sites arranged especially by topic (access from Merriam-Webster). Portal derives from the Medieval Latin word ‘portale’ meaning "city gate." American Heritage Dictionary defines a portal as "a doorway or an entrance, or a gate, especially one that is large and imposing." A Web portal is a doorway that individual users can customize to filter information from the Web automatically in the new scenario. It typically offers a search engine and links to useful pages, such as news, weather, travel, and stock quotes.

Library portal

A library portal is a single access point combining the library catalogs, subscription databases, subject gateways, electronic journals etc. The library portal meets the individual needs of users,

which either the system itself can tailor the delivery and presentation of information content or the users themselves can customize the type and format of the information displayed (Konnur, 2006). Zhou (2003) compares Web portals with other popular media, such as radios and televisions, for their audience base and content broadness and finds in the field of the library only a few libraries had adopted Web portal technology and article also examines several reasons for the lack of portal development in libraries. Library portals are playing a crucial role in improving the system of education. The advantages of the library portals are to enhance the formal education system by making information accessible to all sorts of users. Therefore, understanding the need for knowledge management techniques has become increasingly vital in an Academic library system. An academic library portal provides quick access to a wide variety of information through World Wide Web, thereby, improves the communication between information creators and users (Letha, 2006).

Higher-educational institutions include universities and colleges and various professional schools that provide preparation in such fields as law, theology, medicine, business, music, and art. Higher education also includes teacher-training schools, junior colleges, and institutes of technology. The basic entrance requirement for most higher-educational institutions is completing secondary education, and the usual entrance age is about 18 years (Encyclopedia Britannica). Under Indian Constitution Article-200, Honorable Governor used his power to establish Uttar Pradesh Higher Education Service Commission on October 1, 1980, after approval of UP Higher Education Service Commission ordinance-1980 issued by Uttar Pradesh Legislature. Uttar Pradesh Higher Education Service Commission is a corporate body that started working on November 1, 1982.

Table-1: Uttar Pradesh higher education: A structure

S. No.	Central Universities	State Universities	Deemed Universities	Private Universities
1.	5	31	8	29

Table 1 show, 5 central universities, 31 state universities, 8 deemed universities, and 29 private universities in Uttar Pradesh. Data were taken from University Grant Commission's official website.

ANALYSIS OF UTTAR PRADESH DIGITAL LIBRARY PORTAL

Uttar Pradesh Digital Library Portal is a digital repository of learning resources that is not just a repository with search facilities but also a host of services for the higher education community. It is sponsored and mentored by the Department of Higher Education, Government of Uttar Pradesh. It is built to support higher academic levels, including researchers and undergraduate, postgraduate learners, all streams, all popular forms of access devices. It is a portal containing textbooks, articles, videos, audio, PPT, and other learning media. The UPDL portal provides free of cost access to educational content in different languages. "On the occasion of Teacher's Day, this portal was launched on 5th September, 2020 and declaring September and October as Vidyadan month, an appeal was made to teachers of the state to provide this library for the benefit of the students according to the importance of donation in Indian culture. Prepare and make available more and more e-learning material" (<http://heecontent.upsdc.gov.in/ACSSandesh.aspx>).

Table-2: Total participant involvement of Uttar Pradesh digital library portal

Number of Universities	Number of Colleges	Number of Teachers	Number of Streams	Number of Subjects	Number of Contents
44	7104	5339	24	183	74196

Table-2 shows a total of 44 universities, 7104 colleges registered and 5339 teachers involve in the UPDL portal and 74196 contents in 183 subjects and 24 different streams available on the UPDL portal.

Table-3: Number of approved contents on Uttar Pradesh digital library portal

Number of Universities	Number of Streams	Number of Subjects	Number of Topics	Number of Courses	Number of Colleges	Number of Teachers	Number of unapproved contents
30	22	101	46596	1717	187	3962	3333

Table-3 presents that 33 universities, 187 colleges, and 3962 creators have to provide approved content in 22 streams on 101 subjects and 46596 topics. There 3333 unapproved contents are also available on the portal.

Table-4: Subject Domain (Uttar Pradesh Digital Library Portal)

S.No.	Main Subjects	subjects	Number of approved contents
1.	Information science, Computer science	computer science, programming, Library and information science, and other related domains	11377(Library and information Sc.),1500(Computer Sc.)
2.	Philosophy & Psychology	Psychology, Teleology, , Ontology, Logic, Physiognomy, Ethics, research and related topics	5510 (Philosophy),1311(Psychology),
3.	Religion	Philosophy of religion, social & ecclesiastical theology, religion and different areas	100 (Veda And Darshan),
4.	Social Science	Sociology, social behavior, Political science, Economics, Law, Public administration, defense science, etiquette & folklore and related domains	4960 (Social Sc.), 2849(Law), 2359(Economics), 1536(Education), 569(Political.Sc.), 470(Statistics),365(Military Sc.), 146(Economics),
5.	Languages	International languages, Dictionaries, Etymology, linguistics, Sign languages, phonetics and related domains	151(Indian Lang.),
6.	Natural sciences and mathematics	Astronomy and related sciences, Mathematics, Physical	3025(Physics), 2650(Chemistry),1746(Mathemat

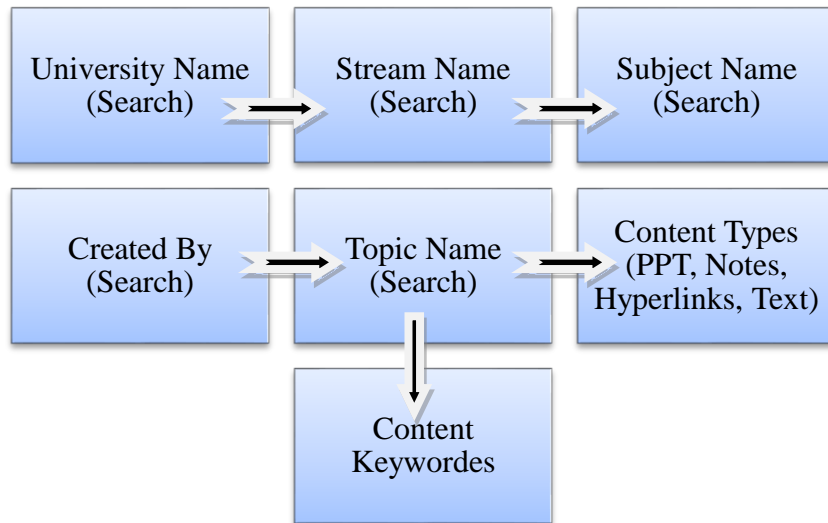
		sciences Chemistry and related sciences, Paleontology, Earth sciences, , Life sciences and other related areas	ics), 1633(Pharmacy), 1257(Zoology), 1058 (Botany),
7.	Technology	chemical engineering, agriculture technology, mechanical engineering, civil & chemical engineering, medicines and others	10715, 402(Civil Eng.), 315(Elect. Eng.),
8.	The arts; fine and decorative arts	landscape & Civic art, sculpture, paintings, Music, Recreational and performing arts architecture, Photography, Graphic arts and other domains	318(Drawing And Painting),
9.	Literature and Rhetoric	English literature, literature of different languages, etc.	1409(Eng.),120(Urdu)54,(Arabi), 58(Linguistic)
10.	General Geography and History	Geography, History of ancient world Biography and other domains	805(History),837(Geography),

Table-4 shows the subject's domain and the number of contents available in the different subjects on the UPDL portal.

HOW TO SEARCH CONTENT ON UTTAR PRADESH DIGITAL LIBRARY PORTAL

Figure-1 shows the Uttar Pradesh digital library portal provides a directly content search facility and advances search option where users can choose according to their required field. There are various types of content available in the advance search option like ppt, notes, hyperlinks, and texts. Select one of them accordingly.

Figure-1: advance search system on the portal



Login Facility:

Uttar Pradesh digital library portal provides three types of login facilities

- Directorate Login
- University Login
- College Login

GENERAL EVALUATION OF UTTAR PRADESH DIGITAL LIBRARY PORTAL

1.	Content Types	Contents available in different forms like Notes, PowerPoint presentation, Text, Hyperlinks
2.	Content Categories	Contents available in different streams and subjects. Almost subject domain covered by the portal.
3.	Content Organization	Categorization and organization of content are simple and straightforward to help users understand and search every subject domain.
4.	Content Usefulness	To fulfill the user’s present needs, UPDL has developed contents like text; audio, video etc. contents are available in multi-languages. It covers different subject domains like Art,

		Sanskrit, Urdu, Social Science, etc. and content is very useful to undergraduate to Ph.D. students.
5.	Content Credibility	Contents available in the UPDL portal are trustworthy and reliable because content/information providers are premier universities and colleges all over Uttar Pradesh. Though, the responsibility of the content with the respective content providers and UPDL has responsible for authenticating the truthfulness of the contents available on the website
6.	Portal Design	Portal is well-taken care of and developed by National Information Center.
7.	Helpline Tools	UPDL allows virtual community building by providing an e-mail facility to inquire and a helpline number to request the required information.

FEEDBACK AND SUGGESTIONS GIVEN BY USERS/VISITORS ON THE PORTAL.

S.No.	Feedback	Suggestions
1.	'Excellent initiative was taken by the government—a historical step for the teaching-learning process in the state and in-country as well as.	'Nice contents but need to add content in local languages too.
2.	'it is really a remarkable initiative of up higher education department to create such platform where students can access knowledge free of cost. I appeal to the students that they should regularly visit the e-library	Upload more content available on information and communication technology.
3.	I have studied some contents according to my requirement also got very good contents of my subject; it's a great effort especially for researcher and teacher. excellent'	Provide more readable material in the Hindi language.
4.	I have studied some content according to my requirement; it's a great effort especially for researchers and teachers. Good work.'	-
5.	'it is one of the best platform where students get the best study materials made by subject experts.'	-
6.	'Good work is taken by the government. It is	

	really great work of up higher education department to create such a platform where students can access knowledge free of cost . Excellent work took by the government.'	-
7.	''Very decent work by the government."	-
8.	Excellent and initiative work by the government. Because the online library portal is very useful in student academic life.	-

SOME OBSERVATIONS OF UTTAR PRADESH DIGITAL LIBRARY PORTAL

- Social media handles may be created to make students and researchers aware of it.
- Promotional activities need to extend to all universities and colleges In Uttar Pradesh to make users aware of the UPDL portal.
- This website is insecure; SSL (Secure Sockets Layer) certification may be initiated to avoid any cyber attack.
- Links for various category content from the National Digital Library and other prominent digital content portals may be imparted in this portal.
- Universities and Professors listed in this portal
- The orientation program is required in academic institutions. A vast range of resources is available in the UPDL portal. Librarians and institutional authorities have to take significant initiative in this regard.
- All kinds of colleges in Uttar Pradesh can contribute relevant content to the UPDL portal.

CONCLUSION

Every user expects to get the right information at the right time. But due to the short span of time, it is not possible that all the library users can go to the library and find their exciting material. Still, the traditional libraries that have changed over time and converted into digital libraries have made it possible for users to update their knowledge at any time at any place. Librarians are emerging with more and more innovative ways to reach out to their patrons. Web portals are one way to keep people informed about newly generated information and material available within their organization in the modern technology era. Learning and research activities are enriched by portals, which provide electronic data in one place. An effort of the Government of Uttar Pradesh in providing vast information resources in electronic form through the UPDL is

an excellent initiative in the current digital environment. A large number of students in Uttar Pradesh is the beneficiary of the UPDL portal resources. This innovative step resource sharing has taken new heights exclusive of any limitations and financial commitments from the academic institutions or by the library users.

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