

Library Web Portals in Knowledge Management at UASB - A Case Study

K. Venkataranga Naika¹, D.M. Suneel², B. M. Puneeth³, N. Kavya⁴,
Pooja⁵ and B.L. Gurumurthy⁶

Abstract

The UAS Library's birth dates back to the collection in the Department of Agriculture (which was established in 1899, and a significant share of this Library was taken away by the Agricultural Library, Hebbal, in 1946), which forms the nucleus of the present UAS Library. This paper traces the services available at the University of Agricultural Sciences, Bengaluru; specifically, this paper aims to illustrate the knowledge management service provided by UASB to the faculty and students and document web portals available to the users in general. Services available at the University of Agricultural Sciences, Bengaluru include useful Web Portals such as OAPEN: Online Library and Publication Platform, Kidrex, and DOAB. In the wake of changing times and the technology revolution, it is an axiom to note that knowledge management calls for integrating e-resources web portals besides books, Journals & open/paid sources to augment users' knowledge in the years to come.

Keywords: Knowledge Management, e-Resources, Web Portals.

Introduction

The UAS Library's birth dates back to the collection in the Department of Agriculture (which was established in 1899, and a significant share of this

¹ Professor and University Librarian, UAS, GKVK, Bengaluru,

² Digital Reference Specialist, UAS, GKVK, Bengaluru

³ Documentalist, UAS, GKVK, Bengaluru

⁴ Assistant Librarian, UAS, GKVK, Bengaluru

⁵ PG Scholar, UAS, GKVK, Bengaluru

⁶ Assistant, UAS, GKVK, Bengaluru

Corresponding Author Email :kvranganaika@yahoo.com

Library was taken away by the Agricultural Library, Hebbal, in 1946), which forms the nucleus of the present UAS Library. Available sources of information indicate that the Library of the Department of Agriculture, during 1923-24, contained over 3,000 works of reference books and 6,500 bulletins, and 1000 reports, 84 Indian and foreign periodicals with bearing on agriculture and livestock were either subscribed for or were received by way of exchange. The use of the Library was open to those interested in agriculture. To aid the users, several valuable books were set apart for reading. It is significant to observe that a specially printed catalog was also issued to benefit the clientele. The collection of inherited books from the Agricultural College and the Department of Agriculture formed the nucleus of the University Library soon after the formation of the University in 1966; steps were taken to pool the available resources and build a university library building to provide facilities that are expected of a modern University Library at GKVK Campus.

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The present University Library building stone was laid by the then prime minister Smt. Indira Gandhi on July 12, 1969. During the early '70s, when the UAS was shifted to the spacious Gandhi Krishi Vignana Kendra (GKVK) campus, a new library building was planned. The library building started functioning in 1976 with a lavish space allocation.

Objectives of the study

This paper traces the services available at the University of Agricultural Sciences, Bangalore; specifically, the objective of this paper is to:

- Illustrate the knowledge management service provided by UASB to the faculty and students and;

- Document web portals available to users.

Library Web portal

A web portal is a website that frequently acts as a single information access point. It can also be thought of as a personalised and categorised information library. A web portal can assist with search navigation, personalisation, notification, information integration, task management, collaboration, business intelligence, and application integration.

The online library portal is becoming more popular to organise and access library content. Web portals become positive potential frameworks for bringing order to an otherwise chaotic situation. Libraries of all types are becoming active in thinking, planning, and constructing diverse frameworks and services for their libraries as portals become a primary means of transacting information and business. The concept is not new in library and information science, as LIS professionals should be aware. The term "Library Portal" refers to OPAC and Web discovery tools hybrid. This combination of OPAC and more important discovery tools have been called "library portals" by librarians and library automation businesses. The portal is not a new notion for librarians; it is the transformation of the card catalogue into Library gateways. Many libraries think of the portal as a limited view, but it is not; it emerged from the typical Web OPAC extension. The library can use the portal to direct people to their favourite resources. Because librarians invented this technology, it must be adopted in today's libraries. Librarians should be enthusiastic about new technology and how it may be used to meet users' needs.

Services available at University of Agricultural Sciences, Bengaluru

- Book Loan Service
- Reference Service
- Literature Search
- Reprographic Service

- Current Awareness Service
- Selective Dissemination of Information Service
- Document Delivery Service
- Database and Internet-based Services
- Inter Library Loan Service
- Online Services
- Textbook Bank Semester
- Krishi Kosh
- Social Media link service
- Intuitional Repository DSpace
- Newspaper clipping
- Lib-Agri Live
- Content Management Service
- User Education

Useful Library Web Portals

OAPEN: Online Library and Publication Platform: The OAPEN Deposit Service supports open-access policies of research funders and practitioners (research institutions, universities, and their libraries). - <https://oapen.org/>

Z-Library: Z-Library is a shadow library project for file-sharing access to scholarly journal articles, academic texts, and general-interest books. - <https://z-lib.org/>

Kidrex: KidRex.org is a visual child-safe search engine powered by Google Programmable Search Engine. The website utilizes Google Safe Search and maintains its inappropriate websites and keywords database. - <http://www.kidrex.org/>

DOAB: DOAB is a community-driven discovery service that indexes and provides access to scholarly, peer-reviewed open access books and helps users find trusted open access book publishers. - <https://www.doabooks.org/>

OAJAR: The Open Access Journal of Agricultural Research deals with advanced agriculture worldwide. Agricultural research can be broadly defined as any research activity to improve the productivity and quality of crops through genetic improvement, better plant protection, irrigation, storage methods, farm mechanization, efficient marketing, and better management resource. - <https://medwinpublishers.com/OAJAR/>

F1000 Research: F1000 Research is an Open Research publishing platform for scientists, scholars, and clinicians offering rapid publication of articles and other research outputs without editorial bias. - <https://f1000research.com/>

DOAJ- Directory of Open Access Journals - <https://doaj.org/>

PubMed: PubMed is a free search engine primarily accessing the MEDLINE database of references and abstracts on life sciences and biomedical topics. - <https://pubmed.ncbi.nlm.nih.gov/>

PMC: It is a free full-text archive of biomedical and life sciences journal literature at the U.S. National Institutes of Health's National Library of Medicine (NIH/NLM). - <https://www.ncbi.nlm.nih.gov/pmc/>

BMC: BioMed Central is a United Kingdom-based, for-profit scientific open access publisher that produces over 250 scientific journals. All its journals are published online only. - <https://www.biomedcentral.com/>

PLOS: PLOS is a nonprofit open-access science, technology, and medicine publisher with a library of open-access journals and other scientific literature under an open-content license. - <https://plos.org/>

Springer Journals: The Springer journals collected many ground-breaking articles written by international experts in the field and influential researchers

across all subject areas, including many Nobel Prize winners. - <https://www.springeropen.com/>

Pre-Print: In academic publishing, a preprint is a version of a scholarly or scientific paper that precedes formal peer review and publication in a peer-reviewed scholarly or scientific journal. - <https://www.preprints.org/>

SSRN: The SSRN, formerly known as Social Science Research Network, is a repository for preprints devoted to the rapid dissemination of scholarly research in the social sciences and humanities and more. - <https://www.ssrn.com/>

Arxiv org: This is an open-access repository of electronic preprints and post-prints approved for posting after moderation, but no peer review. - <https://arxiv.org>

BioRxiv: Do John Inglis and Richard Sever co-founded an open-access preprint repository for the biological sciences in November 2013. The Cold Spring Harbor Laboratory hosts it. As preprints, papers hosted on BioRxiv are not peer-reviewed but undergo essential screening and are checked against plagiarism. - <https://www.biorxiv.org/>

ChemRxiv: ChemRxiv is an open-access preprint archive for chemistry. It is operated by the American Chemical Society, Royal Society of Chemistry, and German Chemical Society. - <https://chemrxiv.org/>

Lens.org: Lens serves global patent and scholarly knowledge as a public good to inform science and technology-enabled problem-solving. No account is required.- <https://www.lens.org/>

Shibboleth: Shibboleth is a single sign-on log-in system for computer networks and the Internet. It allows people to sign in using just one identity to various systems run by federations of different organizations or institutions. - <https://www.shibboleth.net/>

Project Gutenberg: Project Gutenberg is a volunteer effort to digitize and archive cultural works, as well as to "encourage the creation and distribution of eBooks." - <https://www.gutenberg.org/>

Eprints: EPrints is a free and open-source software package for building open access repositories compliant with the Open Archives Initiative Protocol for Metadata Harvesting. - <https://www.eprints.org/uk/>

National Digital Library of India (NDLI) is an initiative by the HRD Ministry Government of India. It is a vast collection of learning resources; nearly eight crore plus books from Primary to PG level students can use it free of charge. Developed by IIT Kharagpur. - <https://ndl.iitkgp.ac.in/>

Library Web portal links

S. No	Name	URL
1	Agbioforum	https://agbioforum.org/
2	Agbiotech Reporter agbiotech-reporter/	http://www.gate2biotech.com/
3	Agnic	https://www.agnic.org/
4	United States Department of Agriculture National Agricultural Library	https://agricola.nal.usda.gov/
5	Agriculture Engineering International	https://cigrjournal.org/index.php/ Ejournal
6	Agriculture Outlook	https://stats.oecd.org/Index.aspx? Data_SetCode=HIGH_AGLINK_2014
7	Agricultural Research	https://www.springer.com/ journal/40003
8	Farm Journal Today	https://www.farmjournal.com/

9	Journal of The Agricultural Education Online	https://www.jae-online.org/
10	Journal of The Agricultural Research Search	https://jsure.org.in/
11	Journal of Extension	https://archives.joe.org/
12	Journal of International Agricultural and Extension Education	https://www.aiaee.org/index.php/journal
13	Intute	http://crl.du.ac.in/Publication
14	Ice Virtual Library	https://www.icevirtuallibrary.com/
15	Agriculture Research Guide: Online Resources	https://libguides.lib.msu.edu/c.php?g=95552&p=624179
16	Agriculture Online Books	https://www.e-books-directory.com/
17	Bioagents for Management of Plant Parasitic Nematodes	https://vikaspedia.in
18	The Directorate of Economics and Statistics (DES)	https://eands.dacnet.nic.in/
19	The American Phytopathological Society (APS)	https://www.apsnet.org/Pages/default.aspx
20	High-Iron Pearl Millet for Better Health	https://www.cgiar.org/innovations/high-iron-pearl-millet-for-better-health/
21	National Agricultural Library	https://www.nal.usda.gov/
22	Ipmnet	https://extension.umd.edu/
23	Big Sleep Study Guide	http://www.bibliomania.com/

24	E-Book Central	https://www.proquest.com/
25	The National Academies Press	https://www.nap.edu/
26	Doaj	https://doaj.org/
27	Project Gutenberg	https://www.gutenberg.org/
28	The Online Book Page	http://onlinebooks.library.upenn.edu/

Conclusion

In the wake of changing times and technology revolution, the innovations in knowledge management calls for integrating e-resources web portals besides books, journals and open/paid sources to augment users' knowledge in the years to come.

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