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Quarterly Journal**

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- Restructuring of Union Digital Centre
- Integrated Resource Retrieval Interface
- Evaluation of Library Websites
- Citation Analysis of Publications



Indian Association of Special Libraries & Information Centres

Kolkata - 700054

IASLIC Bulletin

A Peer-Reviewed Quarterly Journal

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The IASLIC Bulletin

is a peer reviewed quarterly journal of the Indian Association of Special Libraries and Information Centres and is devoted to the advancement and dissemination of the fundamental and applied knowledge of library and information science in an accessible form to professional colleagues who have a common interest in the field in this country and abroad.

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Restructuring of Union Digital Centre in Bangladesh : A Proposed Model for Alleviating Digital Divide

Md. Nazmul Islam^a and Md. Aktarul Islam^b

Abstract

Purpose: Union Digital Centre (UDC) as an emerging form of information Centre is in the full commitment to provide necessary information services to the doorsteps of every inhabitant in the rural areas of Bangladesh. This research article discusses the status of UDC services offered to the rural communities in Bangladesh though they are having some inconsistencies in rendering effective services.

Methodology: Survey method has been followed to conduct this study. Structured questionnaires were purposely sent to seven Union Digital Centres (UDCs) of Godagari Thana to find out the status of different digital services provided to the rural inhabitants.

Findings: This study has identified that rural people are receiving different ICT facilities from the Union Digital Centres. In order to alleviate the digital divide between cities and villages, proposed Union Digital Centre can be playing effective roles.

Originality: This study is the original research of the authors that is conducted on the basis of primary data collected through questionnaires. A multipurpose UDC model for Bangladesh then has been proposed to strengthen the services and functions more effectively, which may also be applicable to other countries of South Asia.

Keywords: Union Digital Centre (UDC), Union Information and Service Centre (UISC), Rural People, Multipurpose Model, Netizen, Information and Communication Technology (ICT), Union Parishad.

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Integrated Resource Retrieval Interface in Libraries : Designing a Discovery Framework

Parthasarathi Mukhopadhyay^a and Debabrata Barman^b

Abstract

Purpose: This research paper reports the development of mechanisms to integrate information resources in a single-window search system, which are presently available in an academic library under different retrieval silos. It demonstrates designing of a prototype library discovery system for academic libraries by using open standards and open source software.

Methodology: The design of the prototype, which aims to provide a single-point retrieval system (where discovery interface acts as one-for-all search interface) in place of the present multi-point retrieval system (where retrieval facilities are separated in silos) includes a five-step approach – i) achieving OAI/PMH compliance of the internal components of a library (Koha, DSpace, Greenstone); ii) harvesting of records from the library components inside the harvester component of the discovery system; iii) indexing of harvested records into the Apache-Solr core (including the provision of full-text indexing of the attached resources); iv) developing of query-forwarding mechanisms by using search APIs of respective external resources; and v) designing end user interface with the provision of browsing facilities and enhanced features for user interaction and participation.

Findings: The most ocular benefits of this methodology is the provision for organizing local library materials and globally available open access resources along side licensed access resources from the same one stop access system in a library. It also shows the use of Bento-box search facility in end user interface to control the origin of retrieved resources. It includes reporting of the development of Bengali script based interface of the VuFind and its subsequent inclusion in the VuFind release cycles.

Originality/Value: This paper shows how retrieval silos of a library can be integrated in an one-stop search interface for end users along with the provision for many enhanced features like Indic-script (Bengali in particular) based search environment, browsing by DDC, AJAX based facilities for user interaction. This open source and open standards based solution may be viewed as an alternative approach in place of high recursive payment based commercial discovery services.

Keywords: Library discovery, Single-window search interface, VuFind, Bento-box search.

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Evaluation of Library Websites of Research Institutes of India

Shalini Wasan^a and Rupak Chakravarty^b

Abstract

Purpose: Libraries are no exception when it comes to the requirement of the websites. The study aims to examine the performance of library websites of Research Institutes in India.

Methodology: The study evaluated Domain age, Alternative text, Analytics, Broken Links, Spelling Errors, Missing Files, Popularity, W3C Compliance, Back Links and Crawled Pages of selected library websites through Sitebeam Web Analyzer. The data collected from Sitebeam was analyzed through 26 tests and each test consists of 10 scores. The study was considering the library websites of the top five Research Institutes of India as ranked by the RWU (Ranking Web of Universities) in July 2017 ranking.

Finding: Institute of Mathematical Sciences Library Website (IMSCLW) obtained the 1st position by securing 149.7 scores (57.57 percent) followed by Indian Institute of Science Education and Research Library Website (IISERLW) with 146.6 scores (56.38 percent) whereas Jawaharlal Nehru Centre for Advanced Scientific Research Library Website (JNCASRLW) obtained the 3rd position by securing 137.7 scores (52.96 percent). The Tata Institute of Fundamental Research Library Website (TIFRMLW) obtained 135.6 (52.15 percent) and secured 4th position. Indian Agricultural Research Institute Library Website (IARILW) obtained 135.2 score (52 percent) and secured 5th position.

Originality: Research Institutes serve as the building block in nation making. Libraries and information centres attached with these institutions have a crucial role to play by supporting the vision, goals and objectives of their respective parent institutions by providing innovative information services which meet their informational needs. Research can be carried out for global research institutions engaged in active R&D in diverse sectors.

Keywords: Domain age, Alternative text, Analytics, Broken Links, Back Links, W3C Compliance, Content Management System, Research Institute, India

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Citation Analysis of Publications of IASLIC Bulletin 2010-2016

Dhiman Mondal^a and Nitai Raychoudhury^b

Abstract

Purpose: The study is to illustrate the characteristics and trend of cited literature of publications of IASLIC Bulletin for the period 2010 to 2016.

Methodology: The present study analyzed 1909 citations appended to 149 published articles of IASLIC Bulletin during 2010-2016 and identified the year-wise trend of publications, types of cited documents, authorship pattern, collaboration, scattering of cited journals, country-wise distribution and obsolescence of cited journal literature. The Bradford's law also applied to the data set of scattering of journals.

Findings: The findings indicate the dominance of single author (51.71%) over multi-authors, which is not in conformity with the present day trend of multi disciplinary, multi-dimensional and collaborative research. Indian journals contributed maximum citations. Further, the list of core cited journals indicates that the Annals of Library and Information Studies is the most favoured journals for citations.

Originality/ Value: The Bradford's law of scattering of journals of a particular subject confirms the data set and reveals the list of nucleus journals in LIS discipline. Further, the obsolescence and half-life study would help to identify how the journal literature are becoming obsolete year by year.

Keywords: Citation analysis, IASLIC Bulletin, Bradford's Law, Half life.

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Letter to the Editor

From: M P Satija <satija_mp@yahoo.com>
To: Pijushkanti Panigrahi <iaslic.journal@gmail.com>
Sent: Tuesday, 13 March, 2018, 8:32:19 AM IST
Subject: IASLIC Bulletin

Dear Professor Panigrahi Ji,

I am in receipt of the September Issue of the IASLIC Bulletin. The heartiest Congratulation on the improvement in its format, and it is also bit timely. Its little bit time lag can be covered with some minor efforts. Best thing is that it has been mailed in a proper envelope. Earlier the folded form made it look like an ephemeral magazine rather than a scholarly journal. I am hopeful under your editorship the journal will increase its impact factor as well as its circulation.

Best wishes and kind regards

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