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Book: 01

S C Sharma, D Shivalingaiah, B T Sampath Kumar, Rupesh Kumar A, and Rajendra Babu H (2013).
Digital Libraries. New Delhi: Abhijeet Publications. ISBN 978-93-5074-93-4.

Abstract: The journey of libraries from the days of Gutenberg to the days of global communication has been very interesting. Though libraries have evolved themselves with the changing scenario, their underlying philosophy has remained the same, i.e., *giving right information to the right user at the right time*.

Modern society is known as *Information Society*, which is characterized by extensive use of Information and Communication Technology (ICT). ICT has impacted the lives of the elite and the masses alike and has turned citizens into *netizens*. It is imperative for the libraries to evolve themselves into digital libraries to serve the growing and diverse information needs of the digital natives.

Digital Libraries have brought a new paradigm shift in the Information Society. Today's economy is driven by knowledge and information. The dawn of digital libraries has not only given a facelift to the conventional libraries but has also brought new challenges. With the emergence of Web 2.0, the information systems have gradually shifted their focus from content organization to user empowerment. It is the user who drives the system rather than the administrator.

This book *Digital Libraries: Issues and Challenges* presents an overview of the evolution of digital information resources, takes a critical look on the hardware and software aspects of digital libraries and gives a bird's eye view of the present challenges and future directions of digital library systems.

Publications in Journals: Nil

Publications in Conference Proceedings: 04

1. "Building Library Circulation in a Content Management System: An experience with Web Librarian". 59th International ILA Conference on "Managing Libraries in the Changing Information World: From Surviving to Thriving held on 22-24 February 2014 at Mahatma Gandhi Central Library IIT Roorkee, Uttarakhand. p.392-398.

Abstract: There have been successful attempts to develop sophisticated tools to integrate library search features into content management systems. While content management systems offer a great variety of plugins with diverse functionalities, there is a lack of tools for small libraries with basic requirements to build circulation system integrated into a content management system. WordPress is a popular content management system used to build and

manage modular websites. Web Librarian is a WordPress plugin that allows creation of a library collection and circulation system inside the WordPress site. This paper demonstrates the use of Web Librarian plugin and its functionalities.

2. "The Social Learning: Integrating social networking in teaching and learning". Avant Garde 2014: International Conference on Global Paradigm Shifts in Management, Information and Communication Technology (ICT), English Language Teaching and Higher Education held on 19 March 2014 at Seshadripuram First Grade College, Bengaluru.

Abstract: Facebook turns ten! "From face-to-face communication to Facebook communication" could be an apt one-liner to describe the evolution of communication technology. "Web 2.0 is an attitude not a technology" said Ian Davis. Social networking is the catch-phrase of the day. A product of Web 2.0, social networking has made a tremendous impact on the way people think and communicate. In a knowledge society where citizens are netizens, the Web rules as the de facto platform for communication. Education has become ubiquitous and mobile with the use of the Web. Today's learners are digital natives. Pedagogy can be made more effective, interactive and engaging by integrating social networking in the process of teaching and learning. This paper demonstrates the use of Edmodo, a social learning platform for teachers, students and parents.

3. "Creating a Cloud based Library Catalogue using Google Fusion Tables". UGC Sponsored Two Day International Conference on Knowledge Resources and Library Technologies (ICKRELT 2017) held on 24-25 February 2017 at Bharathidasan University, Tiruchirappalli, Tamilnadu **(Awarded the Best Paper)**. p.616-619. ISBN 978-93-85399-86-2.

Abstract: The primary purpose of a library catalogue is to help users ascertain the availability of document in the library. With the development of Web OPACs, users expect library catalogues to be available online. However, hosting an OPAC online involves investment. This paper demonstrates the creation of a free cloud-based library catalogue using Google Fusion Tables.

4. "How to create a free cloud-based OPAC?" National Conference on Library Automation, Digital Libraries and Open Courseware held on 10-11 November 2017 at University of Mysore, Mysuru **(Awarded the Best Paper)**. p.132-141. ISBN 978-93-5288-329-5.

Abstract: This paper demonstrates the creation of a cloud-based OPAC using a free cloud storage service, viz, Google Drive. Library catalogue records are uploaded in xls or csv format on Google Drive and converted in Google sheet. Filters are defined in Google sheet. A Google site is designed for displaying catalogue records. A searchable and browsable view is created using Awesome Table gadget. This view is integrated with Google site.