

Effective Use of Integrated Library Software in Education Institutes

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Abstract – In this article it's interestingly mentioned that designed as well as created activity of library software programs started during the mid-1980s in India, with the promotion of UNESCO's CDS/ISIS by the National Information System on Technology and Science (NISSAT). This study examined the usage of integrated library system in academic libraries. The main challenges confronting the libraries include: inadequate funding, inadequate managerial assistance, poor energy supply, etc. The goal of this particular chapter is actually introducing the idea of library automation, integrated associated areas as well as library software. The library automation software is described in detail; extra emphasis has been given just to describe the software features.

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I. INTRODUCTION

The library plays a crucial role in the society of ours it's a crucial element of any educational institution, that is center point of the teaching, and learning activities where pupils, teachers and researchers are able to check out the huge resources of info. In the age of info communication technology, computers are now being utilized for daily housekeeping activity of the library which saves the time of the end users, and library specialist too and at exactly the same time stay away from duplication of office and come up with the library service smooth & effective. In the era of ICT library scenario continues to be drastically changed in phrases of collection, services as well as organization. Simultaneously, user's demands & perceptions have changed in the types of it. Additionally, the info seeking behaviour of user has dynamically changed. They need appropriate, genuine info quickly inside an individual spot at their hand. This idea has presented issues for library experts for fast delivery of library services as well as info. This particular development in library discipline has brought the thought of Library Automation.

Library automation in India began in the late 1970s in couple of special libraries has today reached the majority of the academic libraries. These days, there's a much better responsibility on the part of the library as well as info centers to make the timely and latest info to the subscribers of theirs to facilitate improving the quality of education. This could not be attained without each institution having an effective library as well as info system at the command of its. Library automation methods are elaborately created, as well as crafted computer programs call for extensive programming skills combined with a considerable information of the functional

requirements of libraries plus standards which are used in this kind of methods. Software technologies used in library automation methods consist of database management systems, client server architectures, search engine technology, as well as, increasingly, software used in web based programs.

II. INTEGRATED LIBRARY SOFTWARE

An automatic library system generally consists of a selection of purposeful modules, like acquisitions, serials, cataloging, circulation, and also an OP AC (Online Public Access Catalog). An "integrated" library system is actually an automatic system, as discussed above, in which all the purposeful modules share a typical bibliographic database. The National Library of Medicine utilized the phrase "integrated" in talking about a system in which all automatic library capabilities are actually prepared against an individual, master bibliographic file (Dick and Goldstein, 1980). Genaway (1984) expanded the definition and described the integrated internet library system (IOLS) as "a library system which utilizes a typical machine readable database and has 2 or maybe more subsystems operational as well as accessible online"

Integrated Library along with Integrated Library Software System are actually encompassing terms. Likewise, Integrated Library Management Systems (ILMS) and Integrated Online Library System (IOLS) are directly connected phrases. Integrated Library Software when utilized to be mainly as a bibliographic storage as well as retrieval system for acquisitions records, serial, circulation, and catalog. Integrated internet library systems these days are believed to be a part of the "knowledge"

or maybe "information" software network which manages an institution's external and internal database resources. This particular pattern provides info professionals with new challenges.

Benefits of an Integrated System

- *An integrated device is better in a number of ways to one which isn't integrated.*
- *The duplication of hard work to develop and keep several copies of bibliographic information is eliminated at an integrated system.*
- *Possibilities for mistakes are reduced when files are entered only one time, and changes are instantly propagated all over the system.*
- *Library staff along with patrons are able to get access to other relevant info at one location.*

In an integrated system, a patron is able to look at a bibliographic history in the internet catalog and in addition see that the book has been checked out when it's because of back to the library. Privacy of borrowers could be protected by stopping patrons from viewing borrower info. Additionally, patrons are able to see by checking out the internet catalog, in an integrated system, that a guide have been purchased, however, not yet received. In a system that is not integrated, that info will be accessible to library staff only throughout the acquisitions module.

III. INTEGRATED LIBRARY SOFTWARE USED IN INDIAN FACULTY

Libraries Computerising Indian libraries is a very slow practice until recently, and that is mostly due to the shortage of skilled manpower as well as accessibility of appropriate cost effective library automation software. The automation regimes as well as info services have been initiated in the early 1960s. INSDOC, Drtc as well as Delhi, Bangalore were in the cutting edge with regard to carrying out experiments in application of computer systems of the libraries.

Several of these're integrated packages covering numerous features while others focus on particular tasks which includes cataloguing and management of info. The library management software that are being utilized by the faculty libraries selected because of this analysis are discussed below.

CDS/ISIS

CDS/ISIS (Computerized Documentation System/Integrated set of info System), created by UNESCO is actually a menu driven generalized information storage as well as retrieval system

created especially for the structured non numerical databases. The software is extremely beneficial and quick in producing bibliographical databases for info storage and retrieval. Nevertheless, the menus offered in the package deal aren't enough for other services and housekeeping operations like circulation and acquisition.

LibSys

LibSys is actually an integrated library software created by InfoTek Consultants Pvt. Ltd., New Delhi. The constant development of it's for the previous fifteen years, makes LibSys a de facto standard for libraries in India. The acceptance of its in market that is worldwide more has strengthened the reputation of it's throughout the nation as the most area confirmed library system in a large spectrum of libraries with unmatched level of features as well as functionality. Adherence of LibSys to standards like Z39.50 and MARC causes it to be ideal for cooperative media as well as resource sharing. As LibSys is able to manage digital contents together with different multimedia documents as well as electronic online resources, implementation of a virtual library is actually a clear likelihood.

Troodon

Comtek Services Private Limited has created Troodon, an user friendly an integrated multi user as well as retrieval software program for library automation covering Library operations as per regular methods such as for instance Online Public Access Catalog (OPAC), Circulation influence, Acquisition influence, Serials management & Data maintenance. Troodon is an integrated program linking all the appropriate features in the library.

SLIM

Thin library management software is actually a solution of Algorithms Consultants Pvt. Ltd. Pune, started in 1989. The software is continually upgraded to stay in the cutting edge of technological advancements in the area of IT also to cater to the transforming scenarios in controlling libraries. Thin is actually a 32-bit application created on the Windows platform.

Techlib Plus

Techlib is actually an integrated library management remedy for digital and traditional collections which offers libraries with an infrastructure to control digital papers, Internet resources, and multimedia coupled with print materials. Basis TechLib Plus is actually an integrated library software created by Information Dimensions, USA. Basis TechLib is actually Open Text's update of the character cellular merchandise TechlibPlus, an integrated library software which

was brought to the library group in 1989 by Information Dimensions (IDI).

SOUL

SOUL (Software for Faculty Libraries) is actually created by INFLIBNET Centre, Ahmedabad. Among the goals of the INFLIBNET Centre was developing a Library Management Software for automating the faculty libraries. Keeping in view the newest trends in Information Technology, it's created a Windows based Library Management Software called "SOUL".

SOUL manages Indian languages/scripts by utilizing ISM Publisher and GIST of C DAC. It adheres to other international standards like MARC twenty one, ISBD, ISDS, AACR2, Language Codes ISO 639:1988, Country Codes ISO 3166, ISO 2709 format, etc for other functions and data input

Librarian

LIBRARIAN, a library management software, is actually created by Soft AID Computers (P) Ltd, Pune. It's a comprehensive Library Management Software able to handle all of the functionalities of the library home keeping operations as well as info services.

IV. FUTURE TRENDS IN INTEGRATED LIBRARY SYSTEMS

The definition of an integrated system has started to switch through a system which shares bibliographic documents among regional features as well as modules to a system which switches info with a lot of other methods outside the library. Technological advancements, like standardized protocols as well as client/server architectures for passing info from one system to the next, facilitate this integration of exterior info resources into regional methods. For instance, an internet buying system may well let a librarian to browse a publisher's bibliographic database, select documents of books to be bought, and obtain those data from the publisher's database into the library catalog.

Additionally, a number of libraries with expanded integrated methods provide patrons access, through the area OPACs of theirs, too various other bibliographic & non bibliographic databases both within and outside the library as well as to OPACs of other libraries. Features can also be required in addition to the conventional integrated library software like Digital Library System, Link Resolver, Metasearch interface, Content Management System, Electronic Resource Management, etc.

V. CONCLUSION:

Now a day library automation has turned into a buzz word of library field and has turned into a blank necessity for just about any libraries. An automatic

library is able to offer much better library services to the subscribers of theirs and certainly will keep the library much more correctly. The success of any library automation programme will depend upon the awareness of its, awareness of library professionals in associated with automatic technologies. For that trained manpower is needed. Hence library experts must be trained right with requisite information to make the automation programme profitable.

VI. SUGGESTIONS

- Librarians must conduct a survey of many automatic libraries to exchange encounters prior to choosing software for the library of theirs.
- Librarians must assess each module prior to choice of library software, via getting a demo of the software.
- Librarians must choose software by cost effectiveness for the parental institution of theirs.
- To guarantee the best amount of powerful services and user pleasure, library staff members' and even users' opinions must be viewed in choosing local or foreign software, or maybe building software in house.
- Standard library software must be picked from among the readily available sources, that will facilitate the exchange of data among libraries via computer media which may be ideal for potential source sharing.
- To upgrade the core competencies of staff alongside library automation system not just improves the pro competencies of the staff, but likewise thwarts the intrusion of alternate info providers to the info profession.

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