

Digital Library System

Digital Library System would enable any person to access all periodicals, any time and anywhere, in a friendly, multi-modal, efficient, and effective way, by overcoming barriers of distance, language, and culture and by using digital means.

The Fundamental Issue in architecture of Digital Library System on top is Large-scale information distribution, Scalability, Availability, Robustness, Reliability, Interoperability and Adaptability.

The Digital Library System will hold Audio/visual information having features of Automatic Metadata Extraction from Audio/Visual Information and Content (and Context)-based Multimedia Information Retrieval.

Screenshots

The screenshot displays the 'Army Digital Library' website. At the top, the title 'Army Digital Library' is centered in a green serif font. Below it, there are navigation links for 'Books/Articles', 'Images', and 'eForms'. A search bar is located below these links, with the text 'Search Text:' and a 'Search' button. The main content area is divided into three sections: 1. 'Categories' (green header): A section with the text 'Please select your desired categories for searching of Books/Articles:' and several checkboxes: 'All' (checked), 'GHQ Policy Letters', 'PAO Index', 'US Army Field Manuals', 'Examiner Reports', 'Joint Services Instructions', and 'Regulation Books'. 2. 'Frequently Searched Text' (blue header): A list of search terms with red arrowheads: 'Army', 'pakistan', 'Armi', 'Mess', and 'operatio'. 3. 'Frequently Accessed Publications' (red header): A list of publication titles with red arrowheads: 'STANDARD ARMY MESS RULES 2000', 'ACCOUNTS MANUAL (WAR)', 'ARMY RESERVES REGULATIONS 1997', 'NOTES ON THE PREVENTION OF FRAUD 2003', and 'MANUAL ON SECURITY OF INSTALATION 1994'. At the bottom of the page, a footer contains the text: 'Copyrights© 2007, All rights reserved, Developed by: Buraq Integrated Solutions (www.buraq.com)'.

What is Library Automation?

Library automation can be defined simply as the use of computer and networking technologies in the library.

Areas of Library Automation:

- Automation of library functions
- Use of electronic resources within the library (e.g. CD-ROMs)
- Accessing remote electronic resources (e.g. the Internet)
- Office automation (e.g. word-processing, spreadsheets, databases, etc.)
- Patron services (e.g. computer laboratory, multimedia center)

Objectives of Library Automation:

- To improve the level of service and quality of output
- To fulfill needs that cannot be achieved by manual system:
 - Sharing of resources
 - Information that appears only in electronic format (e.g. CD-ROM, Internet resources, databases, etc.)

Automation of Library Functions

