

Library classification scheme is crucial Area of ICT application in libraries that focuses on organizing and categorizing library resources for efficient retrieval and access.

According to Ranganathan ,S.R library classification scheme is a system used by libraries to organize their collection of books ,documents, and other resources .it provides a way to categorize materials based on their subject matter, making it easier for library users to find relevant resources .classification scheme typically use a hierarchical structure ,with broader categories subdivided into more specific topics.

The application of Information and communication Technology [ICT] in Libraries has revolutionized how they operate and deliver services .ICT has provided powerful tools, system and platforms to manage, organize and disseminate information more efficacy and effectively. ALSO According to Sharma, Sigh and Kumar [2011] express ICT is an umbrella term that include technologies for the manipulation and communication of information although ICT based on technology and internet to make Information and communication services available to a wide range of users. This applications in libraries enhances efficiency , and accessibility and services include Digital catalogs for easy search ,Database for research and internet for patrons. The following are the benefits of ICT in libraries

Automation process ;By using ICT application are libraries can apply different software like Library Management System that can automate Library Operation ,including cataloging ,indexing, to improves efficiency and Accuracy in Library operation.

Improve resource sharing ; According to olubiyo [2022] the concept sharing resources is significant and well known in the field of library sciences also library sharing information is the critical issue for dealing with current situation. For those libraries that have a long history of collaborating and sharing of information resources by sharing bibliographic records and showing what is available in one library that a partner library can borrow, the sharing information process is a helpful method that assist libraries overcoming numerous constraints.

Remotes access of library Materials ;According to Fulkerson D.M[2012]the adaption of new technologies [ICT] enhances remote to allow users to search, browse and access through presence of network patrons can access e-book, e-journals, e-research , and digital archives further facilitate remote and research.

Digital Preservation ; According to Garcia ,faded and Valentin [2013] interpret that digital preservation refers to an organizational management process that encompasses various activities necessary to ensure that are digital preservation protect the libraries and prevent the digital library resources of collections from being harmed ,damaged or deteriorated ALSO ICT is vital in preserving and archiving digital materials .Libraries employ digital preservation systems and strategies to ensure the long term accessibility and integrity of digital assets these systems involve format migration ,data backups, metadata management ,and adherence to preservation standards.

Data analytics; Libraries use data analytic tools and system to analyze used patients, user behavior and collection metrics these tools help libraries make data informed decisions and regarding collection, development resources allocation, services improvement and strategic planning . Data analytics also assist in understanding user preferences and optimizing the library's offering.

Library Acquisition System ;this system utilizes technology to automate and streamline the entire acquisition process from identifying needed materials to the final acquisition system librarians can search ,evaluate and select materials from various sources ,including publishers ,vendors, and online platforms. This system allows for seamless communication with suppliers, facilitating the ordering, invoicing, and tracking materials.

Web and Linked, through application of ICT enable library to create connections between resources based on semantic relationship by utilizing linked data principles, libraries can enhance the organization of resources and improve the accuracy of search results

Greater Security; ICT can enhance library security by providing user authentication, access control , and security monitoring by apply RFID that can improving security, inventory management, and self –checkout processes ,tracking and identifying library materials

Improved accessibility; ICT can be help libraries to provide better accessibility for users with disabilities . this can include digital resources designed to be more accessible, as well as assistive technologies like screen readers and text to speech software

Cost saving; ICT can help libraries to save money by reducing the need for physical storage space, printing costs and other expenses associated with traditional library services

Increased visibility ;libraries can promote library services and resources ,making easier for users to discover what library offers .this can include social marketing ,emails, newsletters, and targeting advertising.

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