

Impact of Information and communication Technology on Library.

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Abstract:-

“Computer is an electronic device which can accept large Amount of data process on it and gives the accurate result to the user.” With the continued development of Science and technology, Information Technology is facing the development of various fields. The introducing of computer network technology in the library management to the current library management of the organizational from of the upgrade has a very good role in promoting.

In today information technology continues to progress the library should take the opportunity. Computer system the protect help to speed up the modernization of library management.

Key Word:- computer ,ICT, Devices, Library Software's.

The role of computer in the library catalogue the library catalogue used user's to select and find the material of library. Catalogue display and explain the detail Bibliographic information each collection available in library. Computer based catalogue available everywhere and place i.e. OPAC-(Online Public Access Catalogue.)

➤ Computer used communication with library user's :-

Library is a social Institute and part of society displayed knowledge and saves the culture.

➤ **Computer used in library services / Information Transfer :**

“Computer is an electronic device which can accept large amount of data process on it and gives the accurate result to the user.”

A library collection is variose types but user's need is short and small information this demand completely search within second possible through the computer. Computer technology create, preserve, transfer and feedback to the knowledge or Information communication technology used in library through the different types of medium -Mobile, computer, CD/DVD, Mass media, connection with Internet.

Arranged automated automatic basic book received bookseller, CALM (Computer Aided Library Management) in the words of the supporting literature, “is a computer based library management system for use in book, film, slide, microfilm and other software's to help us work in libraries.” Its objective to “provides storage and retrieval facilities for day to day and time efficient management.” CALM. Many software used in Market library manage and activities – some commonly used software in library management– LMS – SURPASS, LUCIDEA INTEGRATED LIBRARY SYSTEMS, KOHA, ILS, L4U , OPALS, DESTING LIBRARY MANAGER, HONDY LIBRARY MANAGER, INSIGNIA LIBRARY SYSTEM, ACCESS- IT LIBRARY, MODERNLIB, ATRIUM, LIBRARIAN , READERWARE etc.

Information and communication Technology (ICT) facilitate the process of Identification, collection, storing, processing and dissemination of information. The library and information science professionals are utilizing ICT to keep pace with the problem of information explosion.

In 21st century the development of library information science in India, is improved so many programs.

The library and information science is a challenging and demanding profession in this current web environment.

ICT techniques used by libraries:-

As per Dr. S.R. Rangnathan librarians have to push the right information and make it accessible to the right person at the right time, which is the motto for any modern library. The World Wide Web has emerged as effective sources for various types of library users. Internet used in web portal, social networking sites. ICT are the software and operating equipment that authorize society to fabricate, communicate and amalgamate.

Use of ICT in libraries enhances user's satisfaction. It provides numerous benefits to library Users.

Some of the benefits are:

- Provide speedy and easy access to information
- Provides remote access to users
- Provides round the clock access to users
- Provides access to unlimited Information from different sources
- Provides information flexibility to be used by any individual according to his/her Requirements.
- Provides increased flexibility.
- Facilitates the reformatting and combining of data from different sources

Libraries are also providing various ICT based services to their user, including the following provision of web access to OPACs

➤ **Electronic/ Digital Information Service-**

Digital material delivered digitally through computer Network, Store, Processed and Transferred via digital devices and Networks. Like Telephone, X-Rox, Fax, CD-Rom, WWW (World Wide Web) and Internet.

Role of ICT in libraries Circulation, Automation information Transfer, Process Stored, Improve, available to any where in this work computer help us library.

Computer is an electronic device and global village creates in the world, through the computer. ICT used libraries, library is today progress to anywhere knowledge available and no limitation of time and place.

- Electronic document delivery
- Network information resources
- Delivery of information to users' desktops
- Online instruction
- Online Reader's Advisory Services.

Challenges of ICT uses in Library:

- Poor funding of ICT infrastructures
- Constant change of software and hardware
- Erratic power supply
- Insufficient bandwidth
- Lack of technical IT knowledge by library staff
- Copyright and intellectual property rights management.

Impact of ICT in Information Centers:-

ICT Made knowledge construction in electronic format possible.

ICT made electronic approaches and file transfer possible, this ICT increase the level of digital learning. Library will be networked, stocked with the core collection and also provide access to worldwide knowledge and be virtual.

ICT used in libraries are found in circulation, a main task for library services, help of web OPAC, user can search information provide multimedia images of the resources RFID (Radio Frequency Identification) can help the protect resources. Various online ICT tool can be used for library operations like OCLC, World cat, classification web, web Dewey, catalogue and others.

- Digital Library Archives-

Libraries have been repositories of local information and owned publication, manuscripts, rare books, maps, photographs and paintings.

- Access the Web Based Resources:-

E-journals: libraries have been expected to easily cope with the dues issues of ever increasing prices of the journals and space E-journal can be approached via the Internet from any web enabled personal computers.

E-books: can be read just like paper book

- Subject Gateways:

Libraries guide to user subject and path finders. Now every library is undergoing a transformation from paper to digital. Library used following ICT Tools – Computer, Printer, Internet, Mobile Phones, Web Camera, OPAC, Modem, Scanner, Animation, E-mail, E-group, Fax, etc.

Development of libraries - Cellular Technology, IOS, Smart card, Online Net working, Scanning, Audio- Visual Services , Internet Access, E- Journals, E-books, Barcode, Fax , Web Rings, Digital Archives, Virtual help desk etc.

ICT literacy development helps a library – Information retrieval through the computer. E-Resource sharing computer management of library Automation, Library Networking.

Digital library, electronic library, CABI publishing, OPAC.

Conclusion:-

Information communication Technology used in library and facilitate to more information access in within seconds to the used and get the knowledge to the information and communication to all the subject and time to time change, Improve their services etc.

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