IMPACT OF ICTs ON LIBRARIES AND ITS SERVICE IN DIGITAL ERA

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Abstract: Information communication technology is the area of multidimensional development that restructure the way of libraries access, retrieve, information storage, interpretation and dissemination to clientele. In the present era the information communication technology has revolutionary impact on the academic libraries system. Due to information communication technology has widely changes the academic library activities and its services such as OPAC, bibliographic service ,CAS, SDI ,inter library loan, audio video service itc, and user interaction it can be provide more easier and effectively using ICT. In this paper to investigate to multifaceted impact of information communication technology on academic libraries and how it is profitable in electronic era to users and libraries.

Keywords: ICT, services, electronic resources ,academic libraries,users

Introduction: Information communication technology are commonly used everywhere all over the world .In present century the information technology is vital role to play in the academic libraries activities and to improve the user satisfaction using the information communication technologies. The ICTs is not only provide a platform to maintain the proper way of all the academic library activities like acquisition ,cataloguing reference services ,circulation management and serial control but also the save the time of staff and user. At the present time ICT has becoming a key part of libraries .Almost all resources and using computer via internet for the fulfill the user needs and economic purpose such as providing user with a more diversity and customise their product and services, improving product quality and selling their product other libraries or institution. This robotic surroundings makes our the public arena completely subject to those advances. We are completely reliant on machines, whether it will be a household or those worth of effort identified with Look into. At the end of the day we need aid completely depended on ICT specifically or in a roundabout way. In this evolving nature's domain ,our libraries need aid Additionally moving towards advances What's more moving towards constantly an paper particular social order.

Concept of Information Communication Technology:

The term information communication technology are commonly used in the information creation , processing, storage and dissemination with help of the computer and internet. It is multifaceted and integration of telecommunication, computer as well as essential accessories including software, middle ware storage devices and audio visual system so that enable users to access information in the various format and store, processing, disseminate and manipulate information.

WWW: WWW stands for World Wide Web which is one of the most imperative and largest accepted service (e.g. IRC, Email etc) of the Internet. Its popularity has increased considerably, basically it's trouble free to use, vibrant and prosperous in content." Web is a series of interconnected documents on computer sites or websites" (Dennis P Curtin at al(2002)

Need of Information Communication Technology in the Libraries:

Due to information explosion and inadequate of the finance it is not possible to handle increasing day to day large amount of information with traditional library tools such as manually bibliographies, catalogue etc ,in the electronic environment without ICT application. In the present era no any academic libraries have ability to disseminate the right information at the right time to right user.
These are following need of ICT in libraries-
1. Information explosion
2. Lack of finance
3. Increasing day to day number of users
4. Lack of space
5. Lack of staff
6. Quick users information need
7. Save the time of users and staff

8. It helps the library policies
9. Increasing international cooperation
10. To support new emerging libraries services
11. Increasing price the print materials
12. Availability of information in 24*7 days
13. Availability of information beyond a geographical area
14. Its help to speedily and easy access to information
15. Its provide remote access to user
16. Information flexibility

Impact of Information Communication Technology:

In the later day library was known as storehouse of knowledge .All the resources of the library were kept on the selve and it was no use of the library resources . But in the present era to develop of information technology has totally change the shape of library activities and its services. The activities of libraries carried out from manually to electronic with the help of ICT.Today ICT has totally change the housekeeping activities of libraries in such as away provide a platform to user can get access and quick information their need in a few time with less library staff enrolment .In the present era known as a electronic society to impact of information communication technology is not only information in different way but also to access the information in a few second as well as without any borden.To extent the ICT and increase the IT skill of users needed in different type and format of information required. In time library is not escape its impact.The traditional libraries are changing their vitol role and activities according to the new trends the user needs. Today number of libraries are providing information to user with the help of computer and internet. Thus it can be said that is not possible to dissemonate information without information communication technology.

ICT-Based User Services:

Due to development of new technologies in present era libraries are to provide different way ICT-based services to their user needs. These are following ICT- based services:

a) Electronic document delivery service
b) Online reader advisory service
c) SMS alert service
d) E-mail service
e) Online bibliographic service
f) Online journal
g) Database service
h) Translation service
i) Abstracting service
j) SDI
k) CAS
l) Referencing service

Advantage of ICT in Libraries:

There are following benefit of using ICT in library.

1. It helps library activities easier, faster, cheaper and more effective.
2. It helps to handle information over load.
3. Reduce paper work.
4. Saving space
5. It helps to provide library instruction to user about library rule and regulation.
6. Reduce duplications work.
7. Increase the cooperation among library staff

Disadvantage of ICT in library:
1. High cost invest in primary stage.
2. Computer and others equipment are needed.
3. High electricity consume.
4. Lack of IT skill staff.
5. Presevation and conservation problem.
6. Constant change of software and hardware.
7. Copy right and intellectual property right issues
8. lack of skill users.

Challenges of Using ICT In Libraries:

a) Lack of funding of ICT infrastructures'
b) Changing the software and hardware
c) Insufficient electricity supply
d) Low speed internet connectivity
e) lack of skill of library staff
f) Copyright and intellectual property right issues
g) Preservation of digital information resources

Conclusion:

In fact at the present time without information communication technology can not be imagine of library. The use of ICT a key factor and package of whole system, to both user ,information professionals and libraries. With the help of ICT to improve the services of library and its user is access information easily and quick and also it is save the time of user and staff. It is help to reduce the overload work and to promote the resource sharing among libraries and institution. In the present time information communication technology has completely change the concept of library and knowledge center. Now day libraries are using ICT for housekeeping operation as well as for providing various services to the library users.

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