Effect Of Information Communication Technology (ICT) On Library Services

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Abstract: 21st century world is "Data World". The idea "Data Explosion" is created in this world. ICT (Information and Communication Technology) is assuming a huge part in housekeeping exercises and data recovery in libraries ICT comprises of three terms - Information, Communication and Technology. Data assumes a significant part being developed of information. PC, correspondence and advances influence on scholastic libraries the executives and administrations. With the assistance of ICT we can take care of our responsibilities in scholastic libraries like securing, recording, characterization, sequential control, course, stock check, data capacity/recovery, administrations of libraries like reference/data administration and differentadministrationsby utilizing library programming's. In scholarly librariescorrespondence advances utilized for their purposes. Correspondence innovation is creating at a quick speed. The need to convey all the more rapidly and all the more proficiently has become fundamental in our mechanical society. We can give our correspondence administrations through Audio, Audio Visual, Tele message, Fax, Online hunt, E-mail organizing, Social destinations, Search motors, Teleconferencing, Cellular telephone, Voice mail. ICT are making their huge commitment in the advancement of scholastic libraries.

KeyWords: Information, Information Technology, Communication, Information, Communication, Technology (ICT).

Presently a day data is most important thing on the planet. Data is an item riches and item. Data innovation has changed the entire world into a worldwide town with a worldwide economy which is progressively reliant upon the imaginative administration, administrations and conveyance of data ICT has been more fundamental need to advance in the existence of a country during the 21st 100 years notwithstanding essential human necessities. ICT might be characterized as innovation which is utilized to store, progress and impart the expected data on request or in expectation. ICT is an exceptionally wide term in the field of data innovation which is brought to use in data and its correspondence. ICT assists utilizes with controlling store and send data. It includes disposal of phone network which sets aside enormous amount of cash of scholastic libraries. In this 21st century the advancement of library data science in India is decisively improved with ICT in scholarly libraries.

Effect of ICT on the administrations, working and experts too. ICT helps the data experts need to have information and abilities in ICT methods and taking care of techniques. In this manner scholarly libraries should persistently work on themselves with cutting-edge PC advances for information transmission and organizations. The old capacity of LIS has changed with progress in ICT. Globalization and wide based networks have opened up various vocation choices to LIS experts.

ICT assumes a significant part in scholarly libraries and their experts. Because of ICD experts give speedy assistance to client and they work with advances. They use ICT in ordinary work as well as administrations with its assistance, correspondence, organization and virtual worlds. ICT is more fundamental piece of scholastic libraries now days.

SCHOLASTIC LIBRARY- Scholarly Library will be library that gives library administrations to its understudies, teachers, analysts and other peruser in establishment and non-

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educating staff. There are three kinds of libraries.

1)   School Library
2)   College Library
3)   University Library

Objective of scholarly library :

*   Give fundamental data to investigate
*   Give ebb and flow data to understudy teachers and analysts
*   Give books, periodicals and other library administrations to them
*   Give reading material and references books to understudies

In this manner scholarly library objective is to give traditional and non-regular material to every one of its understudies, teachers and scientists and different purposes.

ICT- ICTis the Information communication technology. There are three concepts are involvei. e.information, communication and information technology.

i) INFORMATION:- The Communication or gathering of information or insight. - Websites new worldwide word reference.

Data is a coordinated information. Data additionally called as information, reality, insight and other information. These ideas utilized in library science Information is ware riches and item. Data is viewed as a significant asset for every single human movement.

"The right data from right source provide for right clients at perfect opportunity is each body's right".

*   Data is portrayal of information
*   Data as an information in climate
*   Data is a piece of correspondence process
*   Data as an asset product Features of Information is
*   Precision
*   Most recent (Currently exceptional) and ideal
*   Thoroughness

ii) IT (Information Technology) : "Data Technology is a course of making, gathering, handling, putting away, getting and conveying of Information from one spot to other."

The term it is late beginning and far reaching term. It brought in English, "Informatique" brought in French and "Informatika" in Russian, is documentation data taking care of. It is mix of data and innovation.

It additionally incorporates the gadgets which makes this interaction. It incorporates equipment, programming, data sets, PC organization, broadcast communications micrographics, reprographics.

Correspondence : Communication comes from Latin word "Communis" correspondence is the electronic framework that sent information over correspondence line from one area to other. (for example sharing of information and data, programs). Correspondence ways are transmitter, channel and beneficiary. Correspondence framework separated into 5 kinds : I) Radio Communication, ii) Microwave Communication, iii) Saralite Satellite Communication, iv) Co-pivotal link correspondence and v) Fiber optics correspondence. In this manner over three terms when consolidates with one another to shape ICT.

Definition: Carter (1987), "The framework and gadgets utilized for getting, putting away, dissecting and correspondence Information in all structures and their application to all parts of our lives remembering for office, home, plant."

UNESCO (2002), ICT is "Blend of informatics innovation with other related advances to interaction of imparts data. ICT utilizes most current innovations to process and correspondence data. It manages PC and PC programming for store secures, process and send/recover data."

MAJORCOMPONENT/TOOLSOFICT-
Key parts of ICT which are required in library : A) Computer innovation, B)Communication innovation, C) Reprographic, micrographic printing innovation. for example (1) Computer, Laptop, (2) Printers, (3) Xerox Machine, (4) Scanner, (5) Library Management Software, (6) Mobile Technology, (7) Telephone And

Fax Machine, (8) Power Point, MS Word, (9) Internet, (10) Local Area Network Or Other Network, (11) Consortia, (12)CD-ROM and Online Database, (13) Audio and Video Conferencing, (14) Trained Library Professionals, (15) Web 2.0 Technology - E.G. Blog, Facebook, Twitter.

Benefits from ICT can't be inferred without making the legitimate specialized foundation which gives the stage to conveyance of utilization and administrations and access them. So scholastic libraries make legitimate ICT framework in library, keeping perspectives on client's requirements and parent association targets.

APPLICATIONS OF ICT IN ACADEMIC LIBRARIES- Presently a day's ICT assumes a significant part in library. ICT is making their huge commitment in application, in scholarly library. ICT is fundamental for different housekeeping, Mgt and authoritative elements of library, different electronic and advanced media and PC helped electronic types of gear, organization and web assume a significant part in recovery and scattering of data. ICT assumes a significant part in modernization of libraries.

1) Library Automation : Library Automation is a significant component of present day libraries which will in general diminish human impact in libraries so a client can undoubtedly admittance to data similarly with less measure of capital. The improvement in effectiveness is significant perspective on library computerization.

2) Library Network : Library organizing implies a gathering of libraries and data focuses are interconnected for some normal example or plan for data trade and correspondence because of utilization of library organizing in foundation or gathering of establishment can save an enormous amount of cash by which they can additionally advance and give their essential commitment towards our library science area as well as worldwide human asset improvement. For example Library Consortium.

3) Library Management : Library Management comprises of various exercises for example procurement, order, classifying, sequential

control, course, stock check, ordering, information base handling Due to utilization of ICT we can without much of a stretch perform given above exercises. The improvement of ICT significantly affects generally assortment advancement and administrations which (assortment improvement) should be finished with care so it might effortlessly satisfy the important requirements of clients. We use soul and other programming for library for example digital book, E-Journals, E-data sets and Newspapers, sound video materials, designs, pictures and other library material through web.

4) Technical correspondence : Specialized Communication including specialized composition, altering, distributing and DTP frameworks.

ICT BASED SERVICES IN ACADEMIC LIBRARY- ICT assumes a significant part in giving administrations in scholarly libraries. For ICT based administrations web organization, PC, library programming, computerized store are fundamental in scholastic libraries. Then, at that point, we give library administrations in view of ICT. **Administrations are**

* Report Delivery Service
* OPAC Service
* Web access/Network Service
* Online Reference Service
* Mixed media (Text, Graphics, Images, Audio/Video Animation)
* Library Consortia (Lib. Co-activity)
* Online Information Service (NUCSSIC, OCLC)
* Online Reservation Service
* On the web/Offline Databases
* Electronic Mail
* E-Publication (E-book, E-diaries, E-papers)
* Online Services - N List program of **INFLIBNET**
* News Clipping Scanning Service
* Interpersonal interaction Service (Facebook, Searching)
* Data Literacy
* CAS (Current mindfulness administration)

and SDI

*   Abstracting and Indexing Services
*   SMS Services

In this manner ICT draws in the clients and to connect the clients as at no other time. In scholastic libraries give speedy administrations to their clients with the assistance of ICT.

IMPACT OF ICT ON PROFESSIONALS-

21st Century's libraries are storage facilities of information as well as a successful component to work with spread of information advancing and sharing scholarly properties. The job of administrator as facilitator of data access and disseminator of data is deeply grounded.

LIS experts in ICT world having Basic Skills And Soft Skills. Fundamental Skills I.E. Conduct, Attitude, Dressing Look, Body, Language, Time Management, Problem Solving Skill, Flexibility, Adaptability and Self Confidence, Team Work Skill. In Soft Skill Professionals Having Awareness Of Technology I.E. OPAC, ICT, Library Software, E-Resources, E-Libraries, Searching Knowledge, ICT Based Working In Conventional Work (Like Acquisition, Circulation, Serial Control, Processing, Ordering Books, Classification, Cataloging, Data Entry, Electronic Works), Customer Service, Writing Skill, Library Services, Library Facilities, Teaching Skill, Communication Skill, Interpersonal Skill, Public Relation, Leadership Skill, Presentation Skill, Personal Skill, Marketing Skill And Knowledge Mapping Skill.

In 21st Century world curator is called as data chief and staff called as a data workplaces. Curator builds their insight with new idea in ICT so they go to studio, courses and ICT preparation phases. Very capable library experts are the "Foundation of Library" so effective presentation and information on ICT requires their contribution and backing.

By and by ICT influences on various degrees of administrators. Improvement in ICT and broad utilization of ICT bring about electronic data sources and advanced media assortment. Custodian makes a library in type of information stockpiling and recovery LIS proficient extraordinarily scholarly libraries plan and execution administrations for future, they should guarantee that utilization of data however the new data administrations, improvement of powerful educational/direction program on ICT based to clients and scientists. So ICT world curator having multi-faceted demeanor in a LIS area as a custodian.
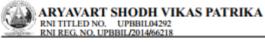
ADVANTAGES OF ICT IN LIBRARIES

*   ICT makes library work simpler, quicker, less expensive and more successful.
*   Assists with overseeing data over-burden as data recovery is made simpler in automated framework.
*   Remote access is empowered through organized framework.
*   Computerization saves spaces and diminishes paper.
*   ICT work saves the hour of client and bookkeepers.

DIFFICULTIES OF USING ICT IN LIBRARIES

*   Unfortunate subsidizing of ICT foundations.
*   Consistent difference in programming and equipment.
*   Unpredictable power supply.
*   Inadequate brand width.
*   Absence of specialized IT information by library staff.
*   Copyright and licensed innovation eight mgt.

CONCLUSION- 21st Century world is data world because of "Data Explosion". As indicated by current prerequisite s it has hushed up important to include a significant essential component for example ICT in the educational program of LIS schools in India. ICT has made library works simpler, quicker and more viable. It has set aside enormous amount of cash which can help in the further turn of events or library remote access can't get to arrange frameworks. It has been turned eco-accommodating as it patterns to diminish paper work in scholarly library. In this data world, administrator has delicate

abilities and fundamental abilities. Recent fads and innovation acknowledge the administrators in preparing of ICT, studio courses and gatherings on ICT.

E-learning gives backing to libraries and advanced education and examination and these are liberated from homeroom based instruction. So they will make mixture libraries. Cutting edge utilizes the advanced libraries, paperless libraries and virtual libraries later on.

REFERENCES

1. Patra B.K. (2008), "Role of Information and Communication Technology", Management and Services of Academic Libraries, Technology India Group, Jounal I(1)

2. To Anyakoha M.W. (2005), "Information & CommunicationTechnology in Library Services" Coal City Libraries, 2 (1 &2):2-12.

3. Kumar Sampath (2010), "Use of ICT in College Libraries inKarnataka, India : A Study Programme", Electronic Library & Information System 44 (3): 271- 282.

4. Parasher R.G., "Information & Its Communication", NewDelhi : Medallion(1991)

5. Parasher R.G. & Sharma R.K. (2012), "ICT based information Management in Indian Libraries", New Delhi,D.K. Fine Art Press (P.) Ltd.

6. Kumbhar Rajendra, "Educational & Research Libraries", Y.C.M.O.U., Nasik(LIB-201), IBook.

7. Kumbhar Rajendra, "Usesof In formation Technology in Libraries & Information Centres", Y.C.M.O.U, Nasik (LIB-301 (T)-II Book.

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