

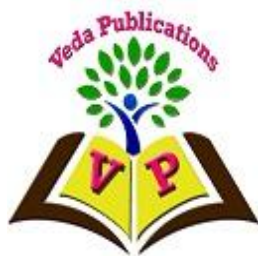
REJUVENATING ACADEMIC LIBRARIES IN CONTEMPORARY ERA: A COMPREHENSIVE STANDPOINT

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Abstract



In this contemporary professional era, one of the first and foremost elements existing rather obviously every country is nothing but **information** and its enormous role in the development and growth of nations. In such an era, Universities are considered to be pioneers for development and enhancement of knowledge where academic libraries also play a significant role. The endeavor of this study is to modify the development of spaces of academic libraries, which is persistently being changed as a result of technological expansion and amendment of old systems with new innovative ones. This paper neatly discusses the various elements, thereby highlighting the technical support in rejuvenating the academic libraries.

Keywords: *Rejuvenating Academic Library, Contemporary Era, Technology, Technical support, Preservation.*

Introduction

Libraries afford the enticement to the expansion of enlightening, communal and cultural activities. According to Dr.S.R.Ranganathan, the father of Library Science in India, “Libraries are not mere storehouses; they are rich springs from which knowledge flows out to irrigate the wide field of education and culture”. The old concept of the library, i.e. “storehouse of recorded documents” has been replaced by the modern concept and it is now known as “Information Centre”. To rejuvenate the academic libraries in contemporary era it is important to adopt several principles such as organization, management, cataloguing, classification and technological services such as circulation, acquisition, orientation service, information repossession, computerization, etc.

Objective of the Study

1. To provide better information services
2. To provide enhanced reference services
3. To provide documentation services
4. To provide and enhance services by adopting mechanized and automated procedures

Need for the Study

A library plays a imperative role in endorse the development of knowledge, there are many people who love reading but they can't find the money to buy books because the value of books are extremely high, if one turn into a member of a library, he can make use of valuable books. As entrance to knowledge and culture, libraries play a most important role in the world. The library gives resources and services, it presents to create occasion for learning, support literacy and education, and help shape the new ideas and perspectives that are central to a creative and innovative society. They also help make certain a genuine proof of knowledge shaped and collect by past generations. In a world exclusive of libraries, it would be complicated to move forward in research and human knowledge or preserve the world's increasing knowledge and legacy for future generations.

Principles of Academic Library

- To aid students and faculty in flattering capable library users
- To afford distance learning services and facilities for all instructional programs
- To uphold successful interactions with other college departments in order to incorporate library operations with the total instructional program of the college

- To persuade personal and professional enlargement by providing staff development opportunities for all Library Services staff
- To offer open-access computing amenities for students and faculty
- To obtain suitable print and non-print resources to support the user needs
- To make available efficient and sensible access to resources and in sequence in all formats
- To endorse cultural and academic activity by offering programs, facilities, and services to the community
- Extensive opening hours along with Sunday opening, offers opportunities to shape patterns of use.

Elements for Rejuvenating the Academic Library in Contemporary Era:

It is not a simple obsession, the process may starts from the root ie, in order to design libraries for the needs of future users, we need to examine the varied elements such as physical space , collection of materials , maintenance of Collection , accessibility user group.

Collection of Materials:

The SWOT analysis (Strength, weakness, Opportunities and Threat) should be done to make effective and enlarging the library resource collection. Collection development policy devises a plan of actions and in sequence which give the researcher a well direct path for thinking and decision making. Collection development policy ought to be referred by the staffs in those subject areas which are to be greater than before. The Policy should be a technique of communication with the library services, users and other people who finance the policies. The experience and expert in knowledge is the basic requirement to become a successful rare book collector and he must be know-how about particulars such as dates, printing methods, authors, binding techniques, and the chronological consequence of period of publication.

There are many methods of collection development which are given below:

a. Purchase: The majority libraries get hold of books through an acquisitions department. A Library acquisitions department endeavor to inspect the library's budget and acquire books and media that the library wishes on a standard basis. Sometimes the library wish to acquire new books the budget may not be in sufficient to do it, the library user can contribute for acquiring new books. A library's principles and buying decisions are habitually different from those of a company or individual.

b. Gifts or Donations: Contributions or gifts are always welcomed in any library compilation enlargement. There are numerous cases where private collections confer on to libraries have turn into the major hang about of collection. Contributions are possible also in the case of entity title that are needed, particularly previous and out of print books.

c. Institutional membership: It is an additional prospective source in collection development. The library may procure itself as member of scholarly societies and institutions who published constructive materials and regularly the membership subscription may cover the right to receive their publication either free of cost or at concessional prices.

Preserving the Collection:

In general library materials are liable to exasperation by the following factors:-

1. Environmental (climatic Factors) factors like light, heat, humidity and moisture, dust and dirt, water.
2. Biological factors Microorganisms, insects and rodents.
3. Chemical factors
4. Human factors and
5. Disasters

The library material have to protect by Digital formations in the organization and fortification of digital objects (the files, or groups of files, that contain in sequence in digital form) so it can be access and used by future users. It is most vital to generate ideas about conserve the digital early in the life series of a digital item because while conventional print substance may last comparatively uninjured for decades untouched, this is not the case with digital objects, which have considerably shorter life duration.

Technical support to Rejuvenating the Academic Libraries in contemporary era:

The implementation of new trends and technologies has made vast changes in library , very advance technologies were discovered for different kinds of peoples like physically challenged people, working people those who are not having suitable time to physical entry into the library, people those who are very Faraway to the library and it also provides various advantages to the patrons like technology of finding the books, copying, highlighting, printing, delivering the books etc.,

Usage of Mobile Phones and its App in Library

The Mobile technology has become bonus to the libraries. A library may reach the far-flung users successfully by adopting of mobile technology in its services. Mobile Internet

users in India is expected to hit 165 million by March 2015, up from the present 530 million smart phone users, according to a recent survey (The Indian Express - January 15, 2018) the study expected that to rise 62 per cent in 2019. In these circumstances the mobile phones are playing an imperative role in information communication. Application of mobile technology in library services is the urgent need of the hour.

Library Bookmark apps

This picky device is no longer obtainable but we still want to state features of this kind of device, such as the prospect to offer guidelines to the user concerning the book they want to place or observe track of their lending activity in a more interactive way. Locating books inside the library is still restricted for many users so a tech solution that can guide the user towards the book is a progressive stick to this problem.

Self-service printing, copying, and scanning solutions

It is extensive knowledge that the digital age has been directly affecting home printing. People no longer need to print pages in large quantities. A Danish software company offers a solution that was built in collaboration with the majority of Danish libraries. Patrons can walk into the library and print and pay directly from phones, laptops or the library PCs without setting up an account.

3D printers

3D printing has been an extremely dispute topic these past years and now that 3D printers have reached a lesser price point, it is much easier for people to get access to them. More and more academic libraries offer this service (a map of all libraries offering 3D printing can be found here) and its consumption is considerable across different disciplines and really popular among students.

Robots

There are many libraries that have previously fruitfully implemented some sort of automated technology. For example, the Joe and Rika Mansueto Library in Chicago have an automated storage and a retrieval system housed in a large underground space.

A more radical exemplar is Connecticut's Westport Library, which newly obtained two robots, Vincent and Nancy, these two will be used to help teach coding and computer-programming skills. Yes, it is an entire new-fangled level of social relations, but it's a very good way to get people's attention and hoist their curiosity in technology and most importantly about the library.

Book delivery Drone

The Drone is another example for future technology in the library. The small flying devices tenuously controlled are another pacesetter in science nowadays. This can be a very good alternative for a delivery service for the library user who can't encompass the leeway to go to the library; be it because of a disability, or because of the elongated remoteness to the library.

Digital interface for printed books

The e-books not at all offer the convenience of a digital interface and all other helpful tools to the patrons. Insightful the content of the book, looking for a allusion on the web, getting an instant renovation, writing annotations, or collecting book passages- all this can be done on the same device that we use to read an e-book. We can obviously make use of an e-book as a substitute of a print book, but here is an enhanced idea-enhance the print book with a digital boundary. Finger Link is venture at present inhabited by Fujitsu that will use digital utensils to effort with a printed book. It is a place you can lay on a library desk. It comprises two elements such as camera to interpret the info from the existent world, and the projector to exhibit digital info in the real world. Simply, place the book on a table under the stand, and it will show extra options, available for the book. It is because everything what Finger Link "sees" can be available and edible in a digital form.

Library Bookmark and Guide

A petite device intended from a Chinese design company TOOUT. This tiny device is in the primary place a usual bookmark. This device is a wonderful attendant when find the way through the library, by giving turn-by-turn guidelines to the book the patron wants. The device is also keep track of all borrowed books, as well as remind the user of the return dates. The patron can find the book easily without knowing the Dewey Decimal Classification System.

Print on Demand Machines (Espresso Book Machine –EBM)

The digital –only library should offer their patrons the ability to instantly make a print version of the book. The most important is that sometimes the book has to be real to make use of it. Espresso Book Machine (EBM) is a real product. Manufactured by Xerox, it's sold by On Demand Books. It can make a paperback book printing up to 150 pages per minute.

The machine is connected to an online catalog of over seven million in- copyright and public domain books, but institutions using EBM can also print custom titles.

Library Utensils

The new technology like Finger Link exceeds library's yearly budget, further it needs some cheaper substitutes to present patrons a multiplicity of miniature utensils they might borrow to use in the reading room. It is the simplest way that the digital highlighter would be connected to a computer, if highlight something move along the text in a print book, it will immediately appear in the notepad app on a computer. All the highlighting features would be collected in a single text document, after creating a single text document, it should be sent to the e.mail address.

Conclusion

The academic library is very important institutions in society and it insists and supports the various users from various fields. It should fulfill the users academic needs, this paper showed many technological way to preserve the materials as well as user guide of the library, simplify the material collection, simplify the finding of materials etc, it will be used to the present and future users. To rejuvenate the academic library is enhanced lots of the citizens and to improve information propagation which would bring about development in all division in the states and the nation in general.

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