

Advantage and Disadvantage of Library Automation : A Study of Dr. C V Raman University Central Library Users

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Abstract :- We all know that in today's era of this explosive revolution, ICT is being used at a very fast pace. Now the operation of housekeeping works in libraries has become very easy with the use of ICT. This article does not include aspects like how to do automation, which software to use, etc. The main objective of this study is to find out how much awareness of library automation is there among the users. In this we will know the effect of housekeeping activities in library and users. In this, data is collected from a total of 200 users by filling web-based and questionnaires and with its help, it has been analyzed with the help of tables and graphs. Data was analyzed to find out how much users have knowledge of library automation and whether they are satisfied with this service or not. It also concludes whether users are familiar with services such as Web OPAC by employees there. And how do we fulfill our needs with automation in a very short time.

Keyword :- LIBRARY AUTOMATION; ICT; ACADEMIC LIBRARY

Introduction :- In today's information explosive era, almost all libraries have taken very important steps towards automating. Now gradually all libraries are automating their services and sources. Many library automation software are also available right now. Today, due to the library being automated, the library makes its services extremely quick.

In this information age, library automation is a must due to the increasing demand of users and lack of time. With the help of OPAC, any user can directly access that source today. Now on the arrival of the web OPAC, any user can view the collection of his library from

anywhere at any time.

Today, there has been many research in library automation, in which it has been told how to do automation. The purpose of this research is to find out the users' perspectives on an automated library and to discuss the satisfaction and awareness of the users of Doctor CV Raman University.

Meaning of Automation :- Library automation was first used by D S Harder in 1936. The term automation is derived from the term "auto mode". In simple words, library automation is done on the basis of computer and various routine tasks performed by a human being based on computer.

Definition :-

- Defines automation as "application of automatic control to any branch of industry or science by extension, the use of electronic or mechanical devices to replace human labour".-**Oxford English Dictionary (Simpson & Weiner, 1989)**
- "Library Automation is the use of automatic and semiautomatic data processing machines to perform such traditional library activities as acquisitions, cataloguing and circulation. These activities are not necessarily performed in traditional ways, the activities themselves are those traditionally associated with libraries; library automation may thus be distinguished from related fields such as information retrieval, automatic indexing and abstracting and automatic textual analysis". - **Encyclopedia of Library and Information Sciences (Kent, 1977)**

Review Literature :-

- **Vaishnav A.S. And Baghat N.G. (1985)** research on "library automation is a feasibility study". They have been asked to give priority to individuals having complete knowledge of the organization's Aurangabadar software and hardware for library automation. Automation will provide new jobs and opportunities which will be at a higher level and research has been done on the path of clerical activities and works of intellectual development. And the cost for this proposed system is stated to be the training of library personnel for only 8-10 days.
- **Francis A.T. (1998)** researched the topic "Software Problems in Library Automation in India" and analyzed important software problems faced by library workers and highlighted software selection issues. Analysis of software problems can constitute agency mechanisms. So that the process of computerization and networking can be speeded up. In this, he told that the problems of library automation can be eased to a great extent by computer software.
- **Kamble VT, Raj Hans, Sangeeta (2012)** has researched the topic of "Open Source Library Management and Digital Library Software". In which he found that for digitization huge amount of money is required on creation and maintenance. This can be accomplished by open source software. Open source software has been suggested to be adopted by many libraries as a solution. Which is being used efficiently in the library. To use such facilities, the librarian has been told to be full of current information, education and training.
- **Rawal A. The research journal was studied by M. (2013)** on "The problem of library automation". In his study, he has discussed economic, technical and practical problems in library automation, in which he has discussed the problems of hardware and software of library automation. Is also included. Some disciplined reforms have also been mentioned in this article for the betterment of

automation in the library and information sector.

- **Research by Das D. and Chatterjee P. (2013)** on the subject of "The View of Library Automation" focused his study on the changed landscape in library automation and library management. Through this, these information can be obtained by saving less time and time and also the availability of library automation software has been told.
- **Singh Ajay Pratap A. (2013)** has done research on the topic of satisfaction user company of academic library service, in which they found that the service provided by the organization is important person centered. For whose purpose the purpose of the library revolves. Therefore, libraries should focus heavily on users and try to satisfy them. With this the library has been described as a dynamic component. And how to upgrade the policies to provide better service is captured in this article.
- **Saxena Archana, Yadav RD (2013)** has researched the topic of "The Impact of Mobile Technology: Digital Library Services". It has found satisfactory use of e-resources at home residence by library staff of selected college. Research has found that there is a need to develop infrastructural facilities to access the central library e-resources.

Objective of the Study :-

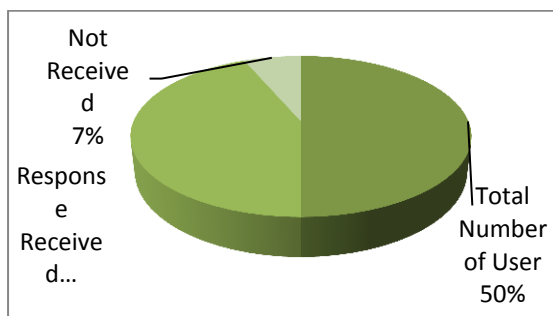
- Identifying users' awareness in library automation.
- To get suggestions for improving library automation.
- To know the effect of automation in housekeeping activities
- To know user satisfaction with OPAC.
- To know advantage and disadvantage of Library Automation.

Research Methodology :- A questionnaire has been prepared to explore the perceptions of the users regarding library automation. And the questionnaire has been distributed to a total of

200 users. Out of which a total of 174 questionnaires have been retrieved back by users. All data is being analyzed through tables and graphs.

Data Analysis :- Data Received by User

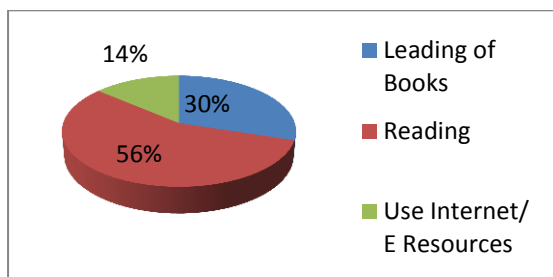
Total Number of User	Response Received	Not Received
200	174	26



We distributed a total of 200 questionnaires, in which a total of 174 questionnaires were filled and received back. In this, we distributed a total of 50 questionnaire students, 50 research scholars, 50 teaching faculty, 50 non-teaching faculty.

Objective I :- Purpose of Visiting Library.

Leading of Books	Reading	Use Internet/ E Resources
52	98	24

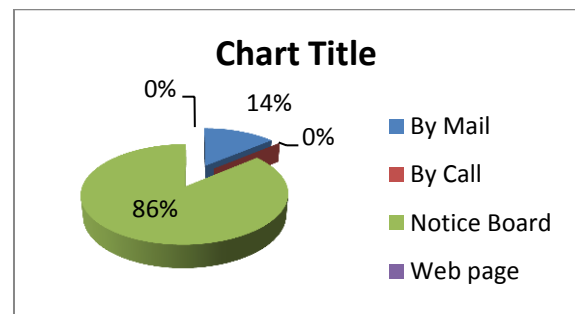


56% of users use the library for reading. 30% of

the users come to the library to borrow the book and 14% of the users use the internet and e-resources

Objective II :- How do you get information from your library?.

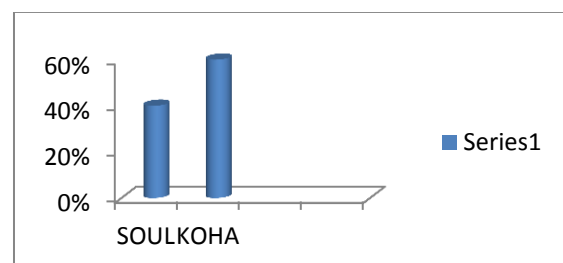
By Mail	By Call	Notice Board	Web page
24	0	150	0



86% users receive information from the library through notice board. 16% of users receive information through mail.

Objective III :- To know the awareness of users about library automation.

Student	Research Scholar	Teaching Faculty	Non-Teaching Faculty
40%	60%	100%	30%



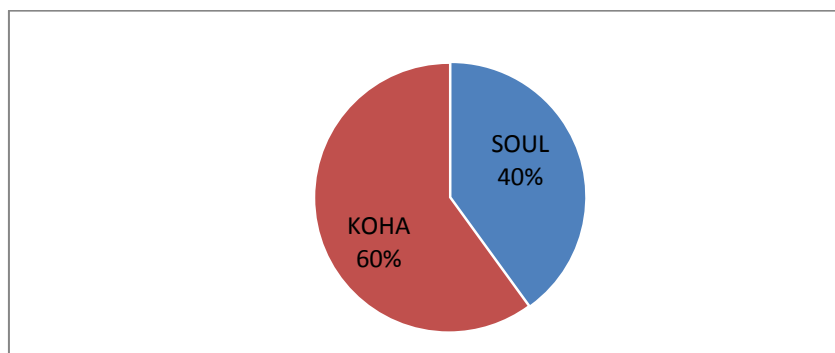
In this we found that only 20 people in 50 students, 30 in 50 research scholars, 50 in 50

teaching faculty and 15 in 50 non-teaching faculty are aware of library automation.

Both SOUL and KOHA use software at Dr. C V University. In which software people are more aware.

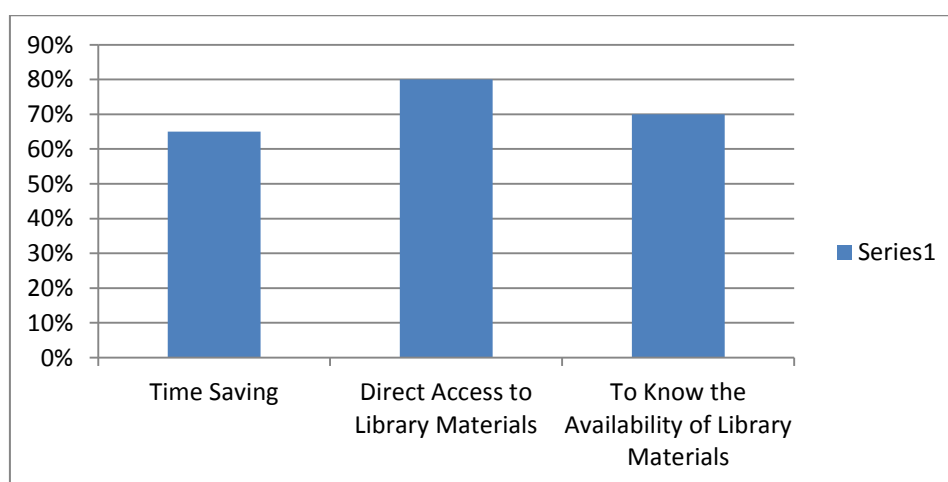
SOUL	KOHA
40%	60%

It has been found that the user is more aware than Koha software.



Objective IV :- To know the effect of library housekeeping activities.

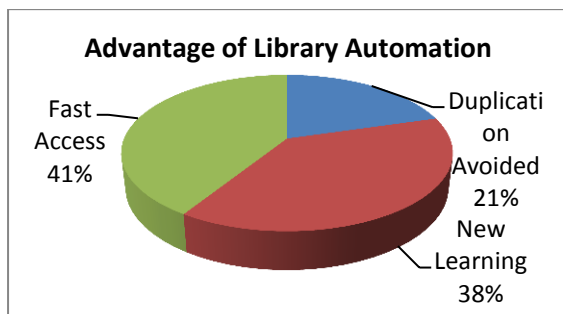
Time Saving	Direct Access to Library Materials	To Know the Availability of Library Materials
65%	80%	70%



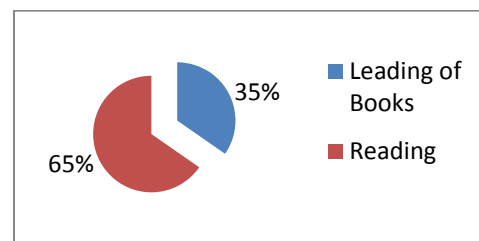
65% of users say that library automation saves time. 80% of the users said that library automation allows users to access their information directly. 70% of the users say that due to automation, whether the material is available in the library or not, it can be easily detected. Due to OPAC it is very easy to access the Library materials.

Objective V :- Advantage & Disadvantage of Library Automation

Advantage			Disadvantage		
Duplication Avoided	New Learning	Fast Access	Power Failure Problem	Internet Facility	Library Orientation
40%	75%	80%	60%	50%	70%



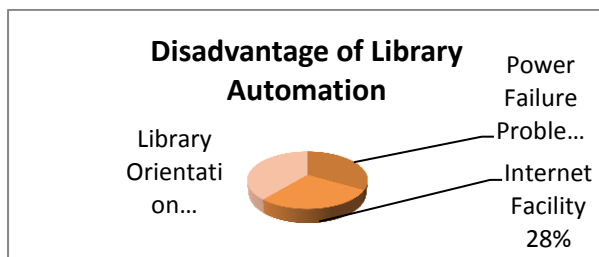
40% of users say that due to library automation, duplicates can be avoided. 75% of users say that we get to learn something new with library automation, and 80% of users say that due to library automation, they are able to do all the work very quickly.



69% of users use OPAC, and they are satisfied with it, but 31% of users do not use it.

Objective VII:- You are satisfied with the reading area here.

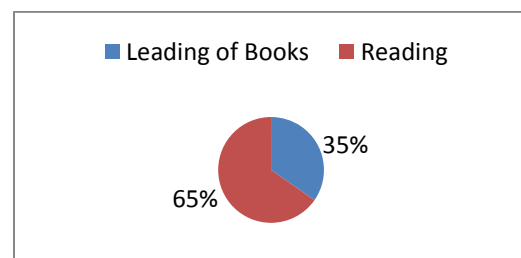
YES	NO
152	22



50% of the people have talked about the problem of the Internet, 60% of the people have said that the problem of power spread, and 70% of the people have said that the need for orientation.

Objective VI:- Do you use OPAC and are satisfied with it.

YES	NO
120	54



87% user is happy with the seating arrangement in the reading room. But 13% of users are not satisfied with this.

Findings and suggestions :- By analyzing the data, it was found that users are aware of library automation, and they can access the information

they want through automation in a very short time. As soon as he is able to access the information, then his time will be saved. He suggested that all the information here should be digitized and passed on to the users, and this information should be easily received from the campus as well as outside us. Users believe that information of library should be given to the user through mail or web page. So that time can be saved as well as correct information can be received on time.

Conclusion :- Dr. C. V. Raman University's maximum user is aware of library automation. Most users are satisfied with the services there, and they also have knowledge of OPAC. In it, he said that it saves time. It was also found that Internet and high quality computers are required.

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