

## Status of Library Automation in University Libraries of Kanpur: A Comparative Study



Library

KEYWORDS :

Rashmi Verma

Research Scholar, Babasaheb Bhimrao Ambedkar University, Lucknow

### INTRODUCTION

The library word comes from the Latin word 'Liber' which means a book in past the means of library a place or a building or a room where book are kept Today the libraries contain much more than books. They are books, periodicals, pamphlets, reports, news papers and manuscripts, graphic and accustom materials such as photo copies, musical scores, microfilms, maps, charts, atlases, films, slides and such other materials. Now in present era library not only a place where we issue or return books. It's become a place where we get information when we need we have any confusions of our life related to study library is first place come to our mind. Now a days library communicate academic section. In school section till university level library is necessary. When we talk about Higher Education University is first place come to our mind.

University is the part of our life we get information through university. In university complete development of student they improve their quality and qualification in university if we talk about the growth of university in India. It's the boom of are our country complete education we get only in university, when we talk about library in university, Library is main part of any universities we can't ignore without library university only institution. But with library university is complete.

Today's university library day by day developed computer comes to our life library become digitized now automated the word automated is nothing but name given to an automatic system of working. Automation means mechanization of library housekeeping operations Predominately by computerization is known as library Automation .automation not only the name of automate the library its means very deep its means new era comes to our life that day by day not only develop library also develop in our society people have change their mind about library in past era library is a place only where people get book or learn book related their syllabus or curriculum but present time situation has been changed the library has been become a network.<sup>1</sup>

The concept of library automation in Kanpur is not new, but the situation is still not leveled with developed nations.

This study depicts the status of library automation in university libraries of with a Kanpur comparative analysis. The areas covered in this paper are: available library services and resources, digital library infrastructure, status of library automation in university libraries of Kanpur and means and ways for their improvement.

### LIBRARY AUTOMATION

Today's Library automation is important in university libraries. University libraries playing a very vital role in providing quality based services to their users with using technology Through Automation universities shifting from manual management of library activities to automated activities.

Automation is a process of using the machineries for easily working and saving the human power and time. The main purpose of library automation is to free the librarians and library staff and to allow them to contribute more meaningfully to spread of knowledge and Information In the simple language "When we use machineries for collection, processing, storage and retrieval of information and do another works of library with the help of machineries that called library automation."<sup>2</sup>

### DEFINITION

According to Encyclopaedia of Library and Information Science, "Automation is the technology concerned with the design and development of process and system that minimize the necessity of human intervention in operation."<sup>3</sup>

According to Webster's dictionary "Automation is the technique of making an apparatus, a process or a system operate automatically."<sup>4</sup>

### OBJECTIVES OF THE STUDY

The aim of the research study is to compare the present status of automation in the university libraries of Kanpur. However, the specific objectives identified are:

1. To assess the available services and resources in the university libraries of Kanpur.
2. To suggest means and ways for the improvement of university Libraries.
3. To study the user's satisfaction level against technologic based services.

### SCOPE

The present study is attempt to study the "Status of library automation of university libraries of Kanpur:A Comparative Study" There are two university in Kanpur one is Chhatrapati shahu Ji Maharaj University Kanpur and other one Chandra Shekhar Azad University of Agriculture & Technology, Kanpur.

### RESEARCH DESIGN

To meet the specific objectives of the present investigation, a combination of quantitative and qualitative research methodologies along with a comprehensive literature review and web analysis has been employed. Structured questionnaire were prepared and administered to librarians of the libraries. The purpose of questionnaire targeted to librarians was to obtain data regarding the demographic information, available services and resources, state-of-the-art digital technology infrastructure and status of library automation. This questionnaire was distributed to librarians with a covering letter indicating the significance of the study. The purpose of the questionnaire targeted to assess the impact of technology based information services and resources, and to know to what extent they are satisfied with these technologies based services and resources.<sup>5</sup>

The method of collecting information through interviews is usually carried out in a structured way. For the present study face-to-face interviews were conducted with librarians. The purpose of the interviews was to complement the quantitative information obtained by the questionnaire with more detailed qualitative information.

The universe of the present study was the university libraries of Kanpur. The website of Higher Education Commission (www.) was used to identify the names status and web addresses of the university libraries. Two questionnaires were distributed to the university libraries of Kanpur and got a response of both university libraries. The information from the questionnaire survey was updated through questionnaires and visits to the libraries.

### STATUS OF AUTOMATION IN UNIVERSITY LIBRARY

Today's where the development of all area of our life information also change day to day In university level system have change to give information to student or others. Today when automation come to our library manual system changed now university try to become their library automated they use different software to automate their library<sup>6</sup>. Today's different

type of software's come. University use software's according to their university library uses. according to their university work or opinion they choose software. Here I compare two universities of Uttar Pradesh software work. The name of universities are Chhatrapati shahu Ji Maharaj University Kanpur and second one Chandra Shekhar Azad University of Agriculture & Technology, Kanpur. Chhatrapati shahu Ji Maharaj University Kalyanpur, Kanpur is state university and Chandra Shekhar Azad University of Agriculture & Technology, Kanpur University is state and autonomous also.

**ANALYSIS AND INTERPRETATION OF THE DATA**

**TABLE-1  
NUMBER OF UNIVERSITY LIBRARY SURVEYED IN KANPUR**

Serial number	Name of university library Surveyed in Kanpur
1.	Chhatrapati shahu Ji Maharaj University Kanpur.
2.	Chandra Shekhar Azad University of Agriculture & Technology, Kanpur

Table 1 Shows two university of Kanpur surveyed first Chhatrapati shahu Ji Maharaj University Kalyanpur, Kanpur and second one Chandra Shekhar Azad University of Agriculture & Technology, Kanpur.

**TABLE-2  
LIBRARY COLLECTION**

Categories	Chhatrapati shahu Ji Maharaj University	Chandra Shekhar Azad University of Agriculture & Technology,
Book	130000	2984
No. of reference books	20000	NA
Audio/Videos	NA	NA
No. of reports	NA	NA
Journals	5000	NA
No. of CD ROM	NA	NA
No. of patents	NA	NA
Total Collection	135500	78490

Table 2 Show collection of both university libraries according to that Chhatrapati shahu Ji Maharaj University has 130000 library books, 20000 reference book, 5000 journals. total collection of library is 135500 apart from that Chandra Shekhar Azad University of Agriculture & Technology has 2984 book available and total collection of library is 78490. Chhatrapati shahu Ji Maharaj University library's collection is more than Chandra Shekhar Azad University of Agriculture & Technology library.

**TABLE-3  
AVAILABILITY OF COMPUTER FACILITY**

	Chhatrapati shahu Ji Maharaj University	Chandra Shekhar Azad University of Agriculture & Technology,
Number of existing computer nodes	35	16
Number of printers	5	2

Table 3 reveals that Chhatrapati shahu Ji Maharaj University has 35 computers and 5 printers and Chandra Shekhar Azad University of Agriculture & Technology has 16 computer and 2 printers.

**TABLE-4  
LIBRARY AUTOMATED**

Chhatrapati shahu Ji Maharaj University	Chandra Shekhar Azad University of Agriculture & Technology
Yes	No

Table 4 indicates that Chhatrapati shahu Ji Maharaj University library is automated and Chandra Shekhar Azad University of Agriculture & Technology library is not automated.

**TABLE-5  
SOFTWARE USE FOR LIBRARY AUTOMATION**

Name of university	Name of software
Chhatrapati shahu Ji Maharaj University	SOUL
Chandra Shekhar Azad University of Agriculture & Technology	No

Table 5 shows that Chhatrapati shahu Ji Maharaj used SOUL software for library automation.

**TABLE-6  
AUTOMATED SECTION IN LIBRARY**

Section	Chhatrapati shahu Ji Maharaj University	Chandra Shekhar Azad University of Agriculture & Technology
Acquisition section	No	No
Circulation section	Yes	No
Reference section	Yes	No
Periodical section	No	No
Technical section	NA	NA

Table 6 show circulation sections and reference section are automated in Chhatrapati shahu Ji Maharaj University library and Chandra Shekhar Azad University of Agriculture & Technology library is not automated.

**TABLE-7  
MODULES ARE PROVIDED BY THE SOFTWARE**

	Chhatrapati shahu Ji Maharaj University	Chandra Shekhar Azad University of Agriculture & Technology
Acquisition	No	No
Cataloging	Yes	No
Circulation	Yes	No
Serial control	Yes	No
OPAC/web OPAC	Yes	No
Networking	Yes	No
Multi user support	Yes	No
Any other	NA	NA

Table 7 show Chhatrapati shahu Ji Maharaj university library cataloging, circulation, Serial control, OPAC/web OPAC, networking, multi user support modules provided by the soul software but Chandra Shekhar Azad University of Agriculture & Technology.

**TABLE-8  
SERVICES OFFERED BY THE LIBRARY USING LIBRARY SOFTWARE**

Service	Chhatrapati shahu Ji Maharaj University	Chandra Shekhar Azad University of Agriculture & Technology
Circulation	Yes	No
Reference services	Yes	No
CAS	Yes	No
Bibliographic services	No	No
Alert Services	No	No
On line search services	No	Yes
Indexing	No	No
Communication with publisher/vender/user etc	No	No

Table 8 shows the services provided by library to the users. In Chhatrapati shahu Ji Maharaj University Circulation, Reference services and CAS services are provided and only On line search services are provided in Chandra Shekhar Azad University of Agriculture & Technology.

**TABLE-9**  
**SATISFACTORY LEVEL**

	Chhatrapati shahu Ji Maharaj University	Chandra Shekhar Azad University of Agriculture & Technology
Fully satisfied	Yes	NA
Satisfied	NA	NA
Partially	NA	NA
Not satisfied	NA	NA

Chhatrapati shahu ji Maharaj University are fully satisfied with their software. but Chandra shekhar Azad University of Agriculture & Technology not because they are not use library software.

**SUGGESTIONS**

During the survey, various suggestions have been received from librarians/library staff for improving the library services as well as computerization. These are mentioned below:

1. To update the staff qualification regarding the computerization of libraries.
2. To give inter library network facility to users.
3. Library should provide online services.
4. In modern times, computerization in libraries has become a necessity in all universities.
5. Internet can play a very important role in providing the better services to the users and Internet service should be provided to the users.

**RESULT OF THE COMPARATIVE STUDY**

1. Chhatrapati shahu Ji Maharaj University is automated and Chandra Shekhar Azad University of Agriculture & Technology is not automated.

2. Both universities have good collection.
3. Both university libraries has availability of computer. Comparazation in Chandra Shekhar Azad University of Agriculture & Technology, Chhatrapati shahu Ji Maharaj University take more attention to their equipment of computerization.
4. Chhatrapati shahu Ji Maharaj University used SOUL software's for automation.
5. In Chhatrapati shahu Ji Maharaj University library only circulation and reference section are automated.
6. Some services like Circulation ,Reference services and CAS services are offered by Chhatrapati shahu Ji Maharaj University library software and second one university only on line search engine services are provided.

**CONCLUSION**

The comparative study of Chhatrapati shahu Ji Maharaj University and Chandra Shekhar Azad University of Agriculture & Technology library in this study I found that through library Automation library can improve their quality of work. Through automation they can save the time of university library staffs and students also. chhatrapati shahu ji maharaj university have Automate their library. But Chandra Shekhar Azad University of Agriculture & Technology not use any software for automate their library.

**REFERENCE**

1. Deshmukh S.J., P. B. Ghante and D.B. Waghmare.(2013) "Study of library automation in engineering college libraries affiliated to solapur university", Vol.1, Issue.3 Maharashtra. | 2. Ratha, Bhupendra.library automation. | 3. Gurpreet Singh, Status of Library Automation in the Institutions of Higher studies in Punjab comparative study of Amritstar and Jalandhar City. | 4. Santosh, Gavali Vandana.Impact of library automation in the development Era:Acase Study, Vol-1,ISSUE-V(June2011):library Science. | 5. Saeed Ullah Jan and Dr.Rafia A sheikh.Automation of University Libraries: A Comparative Analysis of Islamabad and Khyber Pukhtoon Khwa, Pakistan: Library Philosophy and Practice 2011http://unllib.unl.edu/LPP/. | 6. Jennings, Charles and Clarke IV David James Experiential Learning:Bringing Knowledge to Life