Library Automation condition in University Libraries of Madhya Pradesh

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ABSTRACT

Through this study, we are trying to find out library automation condition in University Libraries of Madhya Pradesh. In this paper we studied 42 University Libraries of Madhya Pradesh, it includes 2 Central universities, 20 state university, 3 deemed university and 17 private universities in Madhya Pradesh. We have excluded the university which does not have information on their website. We found Only 12 universities out of 42 have provided OPAC facility according to information given on their website.24 universities out of 42 have provided E-Resources facility. All the universities In M.P. have their website, but most of them are not providing library related information on their websites.

Keywords: Library Automation, Automation Software, University Libraries, Madhya Pradesh.

1. INTRODUCTION

The term automation is introduced first by Mr. D.S. Harder in 1936. He defined it as, "the automation is handling of parts between progressive production processes." Since then the term has been applied to a wide variety of automatic machinery and automatic systems.[1]

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 machinery for collection, processing, storage and retrieval of information and do other works of the library with the help of machinery that called library automation."

Although the library automation is very useful for library staff as well as users. Through this paper we are trying to know library automation condition in M.P. INFLIBNET developed SOUL; IDRC developed MINISIS ; DESIDOC developed SANJAY and INSDOC developed GRANTHALAYA software for library automation and these agencies are providing maintains facility also.

Definition of Automation:

Automation work is used for automatic technical process.

According to Encyclopedia Britannica, "The name given to an automatic system of working. The difference between automation and mechanization is mainly one of degree"

"The technique of making apparatus or a system that operates automatically". In general automation is the automatic, as opposed to human, operation or control of a process, equipment or a system; or the techniques and equipment used to achieve this. In libraries, automation refers to the process of automatic in-house functions such as circulation, cataloging, Acquisitions, Serials Controls etc. [2]

Development of Library Automation:-

- The 1930s Punch card for circulation (IBM)

- 1950 Info &Docu. Center America

- 1961 Invention of IC by RoberNoyce (Intel) and Jack Kerby (Texas)

- 1961 KWIC H. P. Luhan IBM

- 1966 MARC-I and in 1968 it was converted in MARC-II by Henriette Avram

- 1965 Indian Science Abstract: author index by INSDOC

- 1970s Many library networks establish in India[3]

Benefits of Library Automation

- Speedily disposal of library work

- Establishment of a well storage & retrieval system

- Time and human power saving with qualitative services

- Suitability for library cooperation & coordination development

- Simplicity in library management to meet the objectives

- Proper use of human resources

- Development of the new library services

- Preparation of reports and correspondence

- Suitability for resource sharing and networking

- Development of human resources

Objective of the Study-

Present library automation situation of university libraries of M.P. Through this study we will find following important things-

- A number of books available in the university libraries of M.P.

- Library automation condition in M.P. University.

- OPAC is available in the universities or not.

- E-Resources provided by the university or not.

- Availability of University Websites.

Limitation of the study:-

Following limitations are in this study:-

• We analysis the only number of books in the library collection. We exclude other documents available in the library i.e. Journal, eBooks, Newspaper etc.

• We include all Central University, State University, Private University and the Deemed University of M.P. We exclude all colleges, Research institute etc. in our study due to time limitation.

• This study is limited by library automation condition of universities of M.P. In this study we analysis OPAC and library automation is done or not in university.

• We collect information from the university library website only.

Methodology:-

• A number of Central University, State University, Deemed University and Private University found from www.ugc.ac.in on 5/8/2015.

• All information related to the topic is collected from the site of the particular university.

• An analysis in tabular form.

• We collected data from the particular university/library website only.

• We collected data from all universities between 5/8/205 to 30/10/2015.

Data Analysis-

Table 1 shows that there are 2 Central universities, 20 state university, 3 deemed university, 17 private universities in Madhya Pradesh. We have excluded the university which does not have information on their website.

Table 1

List of universities of M.P.

1.1 Central University

S.no	Name of University	Establishment year	Website
1	**Dr. HarisinghGourVishwavidyalaya**	1946	www.dhsgsu.ac.in
2	**The Indira Gandhi National Tribal University**	2009	http://igntu.nic.in

1.2 State University

S.no	Type	Name of University	Establishment year	Website
1		**AtalBihari Vajpayee Hindi Vishwavidyalaya**	2012	www.abvhv.org

2		**AwadeshPratap Singh University**	1968	www.apsurewa.nic
3		**Barkatullaah University**	1970	www.bubhopal.nic.in
4		**Devi AhilyaVishwavid yalaya**	1964	www.dauniv.ac.in
5		**Jawaharlal Nehru KrishiVishwavidy alaya**	1964	www.jnkvv.nic.in
6		**Jiwaji University**	1964	www.jiaji.edu
7		**M.G.Gramodaya Vishwavidyalaya**	1991	www.mgcgvchitrakoot.com
8		**M.P.Bhoj (open) University**	1991	www.bhojvirtualuniversity.com
9		**Madhya Pradesh PashuChikitsaVig yanVishwavidyal aya**	2009	www.mppcvv.org
10		**Maharaja ChhatrasalBunde lkhandVishwavid yalaya**	2015	www.mchhatrasaluniversity.com
11		**Maharishi**	1995	www.mmyvv.com

		Mahesh Yogi Vedic Vishwavidyalaya		
12		**Maharshi Panini Sanskrit Evam Vedic Vishwavidyalaya**	2008	www.mpsvvujjain.org
13		**MakhanlalChaturvedi National University of Journalism & Communication**	1991	www.mpkv.mah.nic.in
14		**National Law Institute University**	1997	www.nilu.com
15		**Raja MansinghTomar Music & Arts University**	2009	www.rmtmusicandartuniversity.com
16		**Rajiv Gandhi ProdoyogikiVishwavidyalaya**	1986	www.rgtu.net
17		**RajmataVijayarajeScindiaKrishiVishwaVidyalaya**	2008	www.rvskk.net
18		**Rani DurgavatiVishwavidyalaya**	1956	www.rdunijbpin.org

19		**Sanchi University of Buddhist-Indic Studies**	2009	www.sanchiuniv.org.in
20		**Vikram University**	1957	www.vikramuniv.net
1.3 Deemed				
1		**Indian Institute of Information Technology and Management**	2001	www.iiitm.ac.in
2		**Lakshmibai National Institute of Physical Education**	1995	www.lnipe.nic.in
3		**PanditDwarka Prasad Mishra Indian Institute of Information Technology**	2006	www.iitk.ac.in
1.4 Private				
1		**A.K.S. University**	2011	www.aksuniversity.ac.in
2		**AISECT**	1985	www.aisectuniversity.ac.in

		University		
3		**Amity University**	1995	www.amity.edu
4		**ITM University**	1987	www.itmuniversity.ac.in
5		**JagranLakecity University**	2013	www.jlu.edu.in
6		**Jaypee University of Engineering & Technology**	2003	www.jiet.ac.in
7		**LNCT University**	1994	www.lnctgroup.in
8		**Maharishi Mahesh Yogi Vedic Vishwavidyalaya**	1995	www.mmyvv.com
9		**Mandsaur University**	1996	www.mandsauruniversity.edu.in
10		**Medi-Caps University**	2000	www.medicaps.com
11		**Oriental University**	2011	www.orientaluniversity.in

12		**P.K. University**	--	http://pkuniversity.edu.in/
13		**People's University**	2009	www.peoplesgroup.edu.in
14		**SarvepalliRadhakrishnan University**	2003	www.raujodhpur.org
15		**Sri SatyaSai University of Technology & Medical Sciences**	1981	www.sssutms.co.in
16		**Swami Vivekananda University**	2012	www.svnuniversity.co.in
17		**Techno Global University**	2008	www.technoglobaluniversityshillong.org

We get information from university Grant Commission website that there are 42 universities in M.P. out of them 2 central, 20 states, 3 deemed and 17 private universities in M.P. Out of them there is No establishment years given for P. K. University, Shivpuri.

Available collection

Table 2

2.1

Central University Libraries of M.P.

S.no	Name of university	Collection	E Resources	Library automation software	OPAC
1	Dr. HarisinghGourVishwavidyalaya	3 lacks	Available INFILBNET	No	No
2	The Indira Gandhi National Tribal University	No	No	Libsys 7	No

Table 2.1 shows that Dr. HarisinghGourVishwavidyalaya has no library automation software and OPAC. Although they have E resources facility available by INFILBNET.   The Indira Gandhi National Tribal University working using LIBSYS 7 library automation software. But they are not using OPAC.Table 2.1 shows that Dr. HarisinghGour University have 3,00,000 books, In spite of IGNTU has not given any information about book on their website.

If we analysis both the university by their establishment year it reflects the Dr. Harisingh Gaur University is very old and IGNTU established in 2009. Naturally collection reflects it.

Table 2

2.2

State University Library

S.no	Name of university	Collection	E Resources	Library automation software	OPAC
1	AtalBihari Vajpayee Hindi**Vishwavidyalaya**	9,000	No	No	No
2	**AwadeshPratap Singh University**	75,000	No	No	No
3	**Barkatullaah University**	1,00,000	No	No	No
4	**Devi AhilyaVishwavidyalaya**	2,00,000	Available	TLSS	Yes

5	Jawaharlal Nehru KrishiVishwavidyalaya	60,000	Available CERAs	No	Yes
6	Jiwaji University	1,94,000	Available	No	No
7	M.G.GramodayaVishwavidyalaya	47,890	No	No	No
8	M.P.Bhoj (open) University	No	No	No	No
9	Madhya Pradesh PashuChikitsaVigyanVishwavidyalaya	13109	No	No	No
10	Maharaja ChhatrasalBundelkhandVishwavidyalaya	No	No	No	No
11	Maharishi Mahesh Yogi Vedic Vishwavidyalaya	No	No	No	No
12	Maharshi Panini Sanskrit Evam Vedic Vishwavidyalaya	No	No	No	No
13	MakhanlalChaturvedi National University of Journalism & Communication	10,000	No	No	No
14	National Law Institute University	48,000	Available	No	No
15	Raja MansinghTomar Music & Arts	No	No	No	No

	University				
16	**Rajiv Gandhi ProdoyogikiVishwavidyalaya**	No	Available	No	No
17	**RajmataVijayarajeScindiaKrishiVishwa Vidyalaya**	No	No	No	No
18	**Rani DurgavatiVishwavidyalaya 1**	7,000	Available	No	No
19	**Sanchi University of Buddhist-Indic Studies**	5000	Available	No	No
20	**Vikram University**	1,60,856	Available	No	No

Table 2.2 shows that out of 20 state university libraries only DAVV University using TLSS library automation software and E resources are available. In DAVV has library staff is permanent and other seven state universities providing E resources facilities. In all state universities only DAVV and JNU providing OPAC facility.19 state universities not using any type of library automation software. Our study in state university we seen DAVV collection of books is very large number 2, 00,000.

Table 2

2.3

Deemed Library

S.no	Name of university	Collection	E Resources	Library automation software	OPAC
1	**Indian Institute of Information Technology and Management**	No	No	No	No

2	Lakshmibai National Institute of Physical Education	60,000	Available	No	No
3	PanditDwarka Prasad Mishra Indian Institute of Information Technology	6,742	Available	No	No

Table 2.3 shows that three deemed universities in M.P. but no one is using library automation software and OPAC. But two universities have E resources. Our study in deemed university we seen Lakshmi Bai National Institute of Physical Education university whose collection of book is very large number 60,000.

Table 2

2.4

Private University Library

S.no	Name of university	Collection	E Resources	Library automation software	OPAC
1	A.K.S. University	No	No	No	Yes
2	AISECT University	3769	Available	No	No
3	Amity University	4,58,902	Available	Soul 2.0	Yes
4	ITM University	No	Available	Libsys	Yes
5	JagranLakecity University	No	Available	No	No
6	Jaypee University of Engineering &	No	Available	No	Yes

	Technology				
7	LNCT University	No	Available	No	Yes
8	Maharishi Mahesh Yogi Vedic Vishwavidyalaya	No	No	No	No
9	Mandsaur University	75,000	Available	No	Yes
10	Medi-Caps University	55,000	No	No	No
11	Oriental University	20,000	Available	No	Yes
12	P.K. University	No	No	No	No
13	People's University	3000	Available	No	Yes
14	SarvepalliRadhakrishnan University	120500	Available	No	Yes
15	Sri SatyaSai University of Technology & Medical Sciences	No	Available	No	No
16	Swami Vivekananda	25,000	Available	No	Yes

	University				
17	**Techno Global University**	No	Available	Libsys	No

Table 2.4 shows that 17 private university in M.P.and only three universities by using library automation software and 10 universities providing OPAC facility and 13 universities are having E-resources. We can see in the above table AmityUniversitycollection of book very large number 4, 58,902.

Conclusion-

Hari Singh Gaur University library has large no. of collection of books in central university of Madhya Pradesh.

LIBSYS 7, SOUL 2.0 and TLSS are the only three library automation software using by universities of M.P. In which LIBSYS 7 is mostly used by libraries.

Only 12 universities out of 42 have provided OPAC facility according to information given on their website.

24 universities out of 42 have provided E-Resources facility according to information given on their website.

All the universities In M.P. have their website. But most of the universities have not provide library related information on their websites.

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