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Jyoti Jadon
Librarian, Government
College, Gairatganj, Madhya
Pradesh, India

Hemant Sharma
Professor, Dean, Faculty of
Arts Jiwaji University,
Gwalior, Madhya Pradesh,
India

Management of digital resources in Government college libraries of Madhya Pradesh: A study

Jyoti Jadon and Hemant Sharma

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Abstract

The purpose of this study is to look into how digital resources are managed in a selected government college libraries located around Madhya Pradesh, India. The Management Committee, Collection Development Policy for digital resources, Library funding sources, library automation and management software, and stock verification method in the chosen colleges are highlighted in the study by analysing the availability, accessibility, and use of IT infrastructure. The results are based on an evaluation of the technological resources that are accessible as well as a survey of library employees.

Keywords: Psychiatric disorders, suicide, suicide attempt, first admission, recurrent admission

Introductions

The management of digital resources in libraries has become increasingly vital in the context of higher education, particularly within government college libraries in Madhya Pradesh. As educational institutions strive to enhance access to information and support academic growth, the effective management of digital resources emerges as a crucial factor. This study aims to explore the current practices associated with digital resource management in target libraries. This research will delve into the specific strategies employed by 23 selected autonomous and excellence government college libraries in Madhya Pradesh to address these challenges, examining how they can optimize their digital offerings to better serve students and faculty. By assessing the current state of these libraries, this research seeks to provide valuable insights that can inform policy decisions and enhance the overall effectiveness of library services in Madhya Pradesh's educational landscape. In order to improve their service delivery, Madhya Pradesh's government college libraries have been gradually implementing digital tools. The Collection Development Policy for digital resources, library financing sources, library automation and administration software, and stock verification methods in these libraries are the main topics of this study, which assesses the state of technical innovations and management today.

1. Statement of Problem

A thorough analysis of the essential elements of government college libraries is required to determine how well these libraries operate in terms of administration and management, as well as to support IT infrastructure in the interest of Madhya Pradesh's higher education development. Given the significance of government college libraries in Madhya Pradesh, this study aims to evaluate them in order to develop new innovations that will allow management and services to be improved in response to the evolving needs of the modern information society.

2. Objectives

The objectives of present study are as follows:

- To assess the existing management tools in the Government autonomous and Excellence college libraries.
- To know about the Collection Development Policy for digital resources.
- To know the status of library automation and management software in the libraries and stock verification tools etc.

Corresponding Author:
Jyoti Jadon
Librarian, Government
College, Gairatganj, Madhya
Pradesh, India

3. Scope of the Study

As higher education institutions, government degree colleges in Madhya Pradesh are run and governed by the government. Nonetheless, the government has given the eight-degree institutions the status of excellence and the eighteen-degree colleges autonomy. In terms of educational services, infrastructure, and resources, autonomous and

excellency college libraries are highly regarded; they have their own libraries and full-time librarians. In light of the study's goals, the administration of digital resources is examined in 23 independent and exceptional colleges.

Committee for Library Management

Table 1: Committee for Library Management

S. N	Name of College	Yes	No
1	Government college of Excellency, Bhopal	✓	-
2	Government M L B Girls P G College, Bhopal	✓	-
3	Government Sarojini Naidu Girls P G College, Bhopal	✓	-
4	Government Gitanjali Girls P G College, Bhopal	✓	-
5	Government Maharaja College, Chhatarpur	✓	-
6	Government P G College, Chhindwara	✓	-
7	Government P G College, Datia	-	✓
8	Government Kamlaraje Girls P G College Gwalior	✓	-
9	Government M L B Arts & Commerce College Gwalior	✓	-
10	Shri Atal Vihari Vajpai Govt Arts and Commerce College, Indore	✓	-
11	Government Holkar Science College Indore	-	✓
12	Government Mata Jija Bai Girls P.G. College, Indore	✓	-
13	Government Science College, Jabalpur	✓	-
14	Government Mahakaushal Arts and Commerce College, Jabalpur	✓	-
15	Government M H Home Science Girls P.G. College, Jabalpur	✓	-
16	Government M K B Arts & commerce College, Jabalpur	✓	-
17	Government P.G. College Morena	✓	-
18	Government Narmada College Narmadapuram	✓	-
19	Government Thakur Ranmat Singh College Rewa	✓	-
20	Government Girls P.G. College Sagar	✓	-
21	Government P.G. College Satna	-	✓
22	Government Sanjay Gandhi Smrati College, Sidhi	-	✓
23	Government Girls P.G. College, Ujjain	✓	-

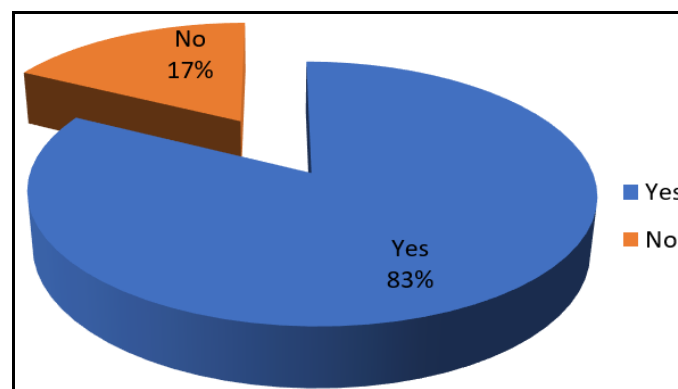


Fig 1: Library Management Committee

A library committee is essential to the library's efficient operation and decision-making process. The findings in Table 1 and Figure 1 indicate that, for the horizontal operation of library activities and services, the majority of

libraries—19, or 82%—have a library management committee within their institution. In contrast, just four colleges (17%) lack such a committee.

Collection Development Policy

Table 2: Collection Development Policy

S. N	Name of College	Yes	No
1	Government college of Excellency, Bhopal	-	✓
2	Government M L B Girls P G College, Bhopal	✓	-
3	Government Sarojini Naidu Girls P G College, Bhopal	-	✓
4	Government Gitanjali Girls P G College, Bhopal	-	✓
5	Government Maharaja College, Chhatarpur	-	✓
6	Government P G College, Chhindwara	-	✓
7	Government P G College, Datia	-	✓
8	Government Kamlaraje Girls P G College Gwalior	-	✓
9	Government M L B Arts and Commerce College Gwalior	-	✓
10	Shri Atal Vihari Vajpai Govt Arts and Commerce College, Indore	✓	-
11	Government Holkar Science College Indore	-	✓
12	Government Mata Jija Bai Girls P.G. College, Indore	-	✓
13	Government Science College, Jabalpur	-	✓
14	Government Mahakaushal Arts and Commerce College, Jabalpur	-	✓
15	Government M H Home Science Girls P.G. College, Jabalpur	-	✓
16	Government M K B Arts & commerce College, Jabalpur	-	✓
17	Government P.G. College Morena	✓	-
18	Government Narmada College Narmadapuram	-	✓
19	Government Thakur Ranmat Singh College Rewa	-	✓
20	Government Girls P.G. College Sagar	-	✓
21	Government P.G. College Satna	-	✓
22	Government Sanjay Gandhi Smrati College, Sidhi	-	✓
23	Government Girls P.G. College, Ujjain	✓	-

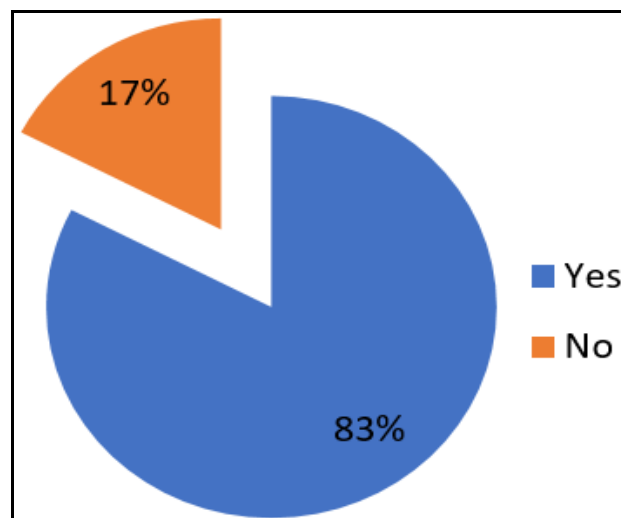


Fig 2: Collection Development Policy

A defined library collection development policy is essential in the current electronic era to maintain transparency in collection development. Surprisingly, it can be shown from the results in Table 2 and Figure 2 that the majority of

libraries (19, or 82%) lack a documented library collection development policy for digital resources. For digital resources, only four (17) libraries have a documented collection development policy.

Sources of the funding

Table 3: Sources of the funding

S. N	Name of College	HED	UGC	RUSA	Donation	Other
1	Government college of Excellency, Bhopal	✓	✓	✓	✓	Institutional self
2	Government M L B Girls P G College, Bhopal	✓	✓	-	-	-
3	Government Sarojini Naidu Girls P G College, Bhopal	✓	✓	✓	-	Janbhagidari
4	Government Gitanjali Girls P G College, Bhopal	✓	-	-	✓	World bank Janbhagidari
5	Government Maharaja College, Chhatarpur	✓	✓	✓	-	-
6	Government P G College, Chhindwara	✓	✓	✓	-	-
7	Government P G College, Datia	✓	-	-	-	Library development fee
8	Government Kamlaraje Girls P G College Gwalior	✓	✓	✓	✓	Janbhagidari
9	Government M L B Arts and Commerce College Gwalior	✓	✓	✓	-	Janbhagidari
10	Shri Atal Vihari Vajpai Govt Arts and Commerce College, Indore	✓	✓	✓	✓	-
11	Government Holkar Science College Indore	✓	✓	✓	-	Janbhagidari
12	Government Mata Jija Bai Girls P.G. College, Indore	✓	✓	✓	✓	Janbhagidari
13	Government Science College, Jabalpur	✓	✓	✓	-	-
14	Government Mahakaushal Arts and Commerce College, Jabalpur	✓	-	✓	-	-
15	Government M H Home Science Girls P.G. College, Jabalpur	✓	-	-	-	College library fund
16	Government M K B Arts & commerce College, Jabalpur	✓	-	✓	✓	-
17	Government P.G. College Morena	✓	-	✓	-	-
18	Government Narmada College Narmadapuram	✓	✓	✓	-	-
19	Government Thakur Ranmat Singh College Rewa	✓	✓	-	-	-
20	Government Girls P.G. College Sagar	✓	✓	✓	✓	Janbhagidari
21	Government P.G. College Satna	✓	✓	✓	-	Janbhagidari
22	Government Sanjay Gandhi Smrati College, Sidhi	✓	-	✓	-	-
23	Government Girls P.G. College, Ujjain	✓	-	✓	✓	Janbhagidari

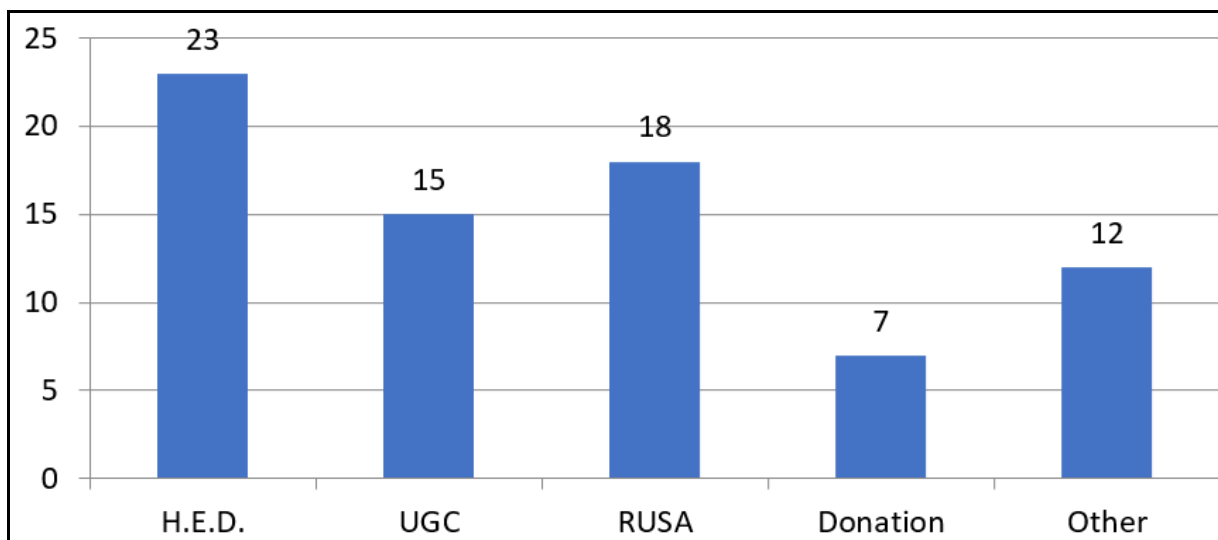


Fig 3: Sources of the funding

Nearly all libraries get funding from the Department of Higher Education, M.P. for various reasons, as indicated by the results in Table 3 and Figure 3. While 18 (78%) libraries receive funding for their libraries from the RUSA scheme, 15 (65%) libraries receive funding from the various UGC

initiatives. It was discovered during the conversation with the librarians that libraries also receive funding from other sources, including the World Bank, Janbhagidari, the college library fund, the institutional fund, and library development fees.

Library automation & Management software used

Table 4: Library automation & Management software used

S. N	Name of College	Commercial	Open Source	In-house Developed	Not automate	Name of Software
1	Government college of Excellency, Bhopal	✓	X	X	X	eG-4.0
2	Government M L B Girls P G College, Bhopal	✓	X	X	X	eG-4.0
3	Government Sarojini Naidu Girls P G College, Bhopal	✓	X	X	X	eG-4.0
4	Government Gitanjali Girls P G College, Bhopal	✓	X	X	X	eG-4.0
5	Government Maharaja College, Chhatarpur	✓	X	X	X	eG-4.0
6	Government P G College, Chhindwara	✓	X	X	X	eG-4.0
7	Government P G College, Datia	✓	X	X	X	eG-4.0
8	Government Kamlaraje Girls P G College Gwalior	✓	X	X	X	eG-4.0
9	Government M L B Arts and Commerce College Gwalior	✓	X	X	X	eG-4.0
10	Shri Atal Vihari Vajpai Govt Arts and Commerce College, Indore	✓	X	X	X	eG-4.0
11	Government Holkar Science College Indore	✓	X	X	X	eG-4.0
12	Government Mata Jija Bai Girls P.G. College, Indore	✓	X	X	X	eG-4.0
13	Government Science College, Jabalpur	✓	X	X	X	eG-4.0
14	Government Mahakaushal Arts and Commerce College, Jabalpur	✓	X	X	X	eG-4.0
15	Government M H Home Science Girls P.G. College, Jabalpur	✓	X	X	X	eG-4.0
16	Government M K B Arts & commerce College, Jabalpur	✓	X	X	X	eG-4.0
17	Government P.G. College Morena	✓	X	X	X	eG-4.0
18	Government Narmada College Narnadapuram	✓	X	X	X	eG-4.0
19	Government Thakur Ranmat Singh College Rewa	✓	X	X	X	eG-4.0
20	Government Girls P.G. College Sagar	✓	X	X	X	eG-4.0
21	Government P.G. College Satna	✓	X	X	X	eG-4.0
22	Government Sanjay Gandhi Smrati College, Sidhi	✓	X	X	X	eG-4.0
23	Government Girls P.G. College, Ujjain	✓	X	X	X	SOUL and eG-4.0

Table 4 demonstrates that e-Granthalaya 4.0 integrated library automation software is being used by almost all target libraries. According to the higher education department's circular, all government colleges are required to have e-granthalaya software in their libraries;

nevertheless, some colleges are employing different software, including SOUL, Koha, etc., in parallel.

Method of Stock verification

Table 5: Method of Stock verification

S. N	Name of College	Manual	Automated	QR/ Code	Other
1	Government college of Excellency, Bhopal	-	-	✓	-
2	Government M L B Girls P G College, Bhopal	-	-	✓	-
3	Government Sarojini Naidu Girls P G College, Bhopal	-	-	-	✓
4	Government Gitanjali Girls P G College, Bhopal	✓	-	-	-
5	Government Maharaja College, Chhatarpur	✓	-	-	-
6	Government P G College, Chhindwara	-	✓	-	-
7	Government P G College, Datia	-	✓	-	-
8	Government Kamlaraje Girls P G College Gwalior	✓	-	-	-
9	Government M L B Arts and Commerce College Gwalior	✓	-	-	-
10	Shri Atal Vihari Vajpai Govt Arts and Commerce College, Indore	✓	-	-	-
11	Government Holkar Science College Indore	-	-	✓	-
12	Government Mata Jija Bai Girls P.G. College, Indore	✓	-	-	-
13	Government Science College, Jabalpur	✓	-	-	-
14	Government Mahakaushal Arts and Commerce College, Jabalpur	✓	-	-	-
15	Government M H Home Science Girls P.G. College, Jabalpur	✓	-	-	-
16	Government M K B Arts & commerce College, Jabalpur	-	✓	-	-
17	Government P.G. College Morena	✓	-	-	-
18	Government Narmada College Narnadapuram	✓	-	-	-
19	Government Thakur Ranmat Singh College Rewa	✓	-	-	-
20	Government Girls P.G. College Sagar	✓	-	-	-
21	Government P.G. College Satna	✓	-	-	-
22	Government Sanjay Gandhi Smrati College, Sidhi	✓	-	-	-
23	Government Girls P.G. College, Ujjain	✓	-	-	-

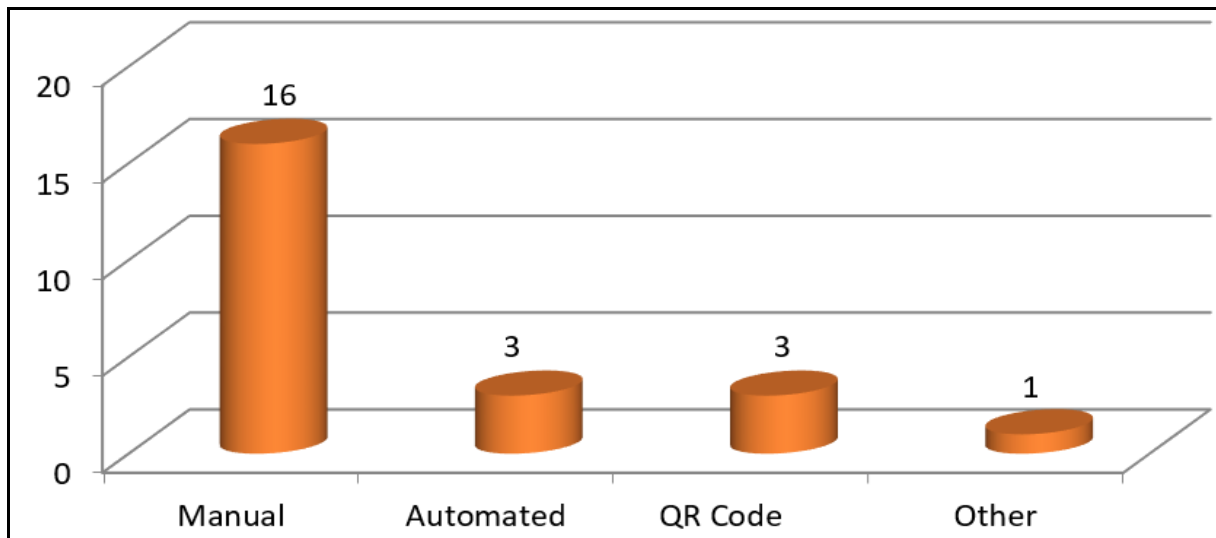


Fig 4: Method of Stock verification

The results of the analysis are displayed in Figure 4 and Table 5. It is evident that the majority of libraries—16, or 69%—use the manual procedure to verify stock at various intervals. For stock verification, three libraries (13%) use an automated computer method, and three more libraries (3%) use barcode and QR codes.

Major Findings

Result indicates that, for the horizontal operation of library activities and services, the majority of libraries 19, (82%) have a library management committee within their institution. In contrast, just four colleges (17%) lack such a committee.

The result surprisingly shows that, the majority of libraries (19, or 82%) lack a documented library collection development policy for digital resources. For digital resources, only four (17) libraries have a documented collection development policy.

Nearly all libraries get funding from the Department of Higher Education, M.P. for various reasons, While 18 (78%) libraries receive funding for their libraries from the RUSA scheme, 15 (65%) libraries receive funding from the various UGC initiatives. It was discovered during the conversation with the librarians that libraries also receive funding from other sources, including the World Bank, Janbhagidari, the college library fund, the institutional fund, and library development fees.

Findings illustrate that e-Granthalaya 4.0 integrated library automation software is being used by almost all target libraries. According to the higher education department's circular, all government colleges are required to have e-granthalaya software in their libraries; nevertheless, some colleges are employing different software, including SOUL, Koha, etc., in parallel.

The results evident that the majority of libraries—16 (69%) use the manual procedure to verify stock at various intervals. For stock verification, three libraries (13%) use an automated computer method, and three more libraries (3%) use barcode and QR codes.

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