

Developmental Plans Implemented for Adopting Information Technology in RTM Nagpur University Nagpur College Library : A Analytical study

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Abstract

Today, along with the industrial revolution of the world, there has been an information revolution. Information Today Information Today Today's era is said to be the information era . In this information era, information has to be made available in modern libraries . This information is being used by teachers , students , researchers , scientists and people in the society and technology is doing the work of delivering this information instantly. Therefore, the technology through which information is delivered to the masses is called information technology. This information technology is being used in every field in modern times. In this article, the background of the study is explained, the objectives of the research , scope , limitations , literature review, research methods, tools for collecting information , challenges of who will benefit from adopting information technology, implementation strategy, conclusions, and future directions will be drawn. Based on the above research, developmental plans implemented for adopting information technology in Rashtrasant Tukadoji Maharaj Nagpur University Nagpur College Library : A analytical study While collecting information about this, a questionnaire was adopted. In this questionnaire, a questionnaire was distributed to 60 librarians, out of which 20 librarians returned it. In this questionnaire, college library librarians from Nagpur , Wardha , Gondia and Bhandara districts of Nagpur University in Nagpur division were filled in. It has been seen that the adoption of information technology has been maximum in libraries .

Key Words - Library, College Librarian, Information, Information Technology, Library Services, Library Section

Introduction

The advancement of information technology has created a very important place in the academic library. Information technology is important for how information will be easily available at the lowest cost and how the benefit of this information will be satisfied by the researchers and consumers. Information technology has changed the way of communicating , storing , processing and disseminating information . This research article is very important for what services are provided in the college library, what tools are available to information technicians, and what is the role of the librarian . It has also become necessary to consider what things are important for adopting information technology .

Although college libraries are adopting advanced technology, the financial aspect is very important for them. In addition, the necessary equipment, various software, and trained staff working in academic libraries are

also useful. Due to the changes taking place in technology , it is necessary to consider technical and operational efficiency for implementation.

Objectives

The objectives of this research can be stated as follows.

1. To get information about the developmental plans of the college library .
2. To find out how information technology is being used in the library .
3. Understanding the progress of the library and evaluating information sources

Hypothesis

1. Information resources are utilized in the college library.
2. Development plans have been implemented .
3. The college library is used for developmental and training purposes .
4. Modern information technology has been used .

first university to be established in Maharashtra was the University of Mumbai in 1857 , followed by Nagpur University in 1923 , Pune University in 19048 and Marathwada University in 1956. This state university was truly established in the true sense . In this research paper, at the time of establishment of Nagpur University, which came under the state university, there were 6 colleges in it. There were 917 students studying, but today there is a significant increase in their number . Nagpur University Affiliated 514 The college has three autonomous components .

Scope and limitations

The scope of the research is limited to the National College Library under Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur . At the same time, only the The grant-aided degree (BA, B.Sc.B.Com) has been studied .

Literature review

Many researchers have observed the transformation from traditional libraries to digital libraries .

Tenopir (1913) , electronic resources are digital and automated systems that provide information on how users transfer information .

Kumar and Singh (2017) state that digital libraries provide several basic accessibility and facilities that enable users to access information from online databases , institutional depositories, and open access platforms .

Jagtap and Sharma (2018) in their research

Budget constraints , resistance to frequent changes in skilled staff, and the need to implement IT -based solutions are major obstacles , it said .

Smith and other. (2019) in their research

Data privacy and related security from cyber threats , They have made it clear that security concerns pose significant risks .

Bhattacharya (2020)

It has been explained that the adoption of information technology systems in college libraries is low due to the lack of infrastructure in many institutions.

Natarajan and Kumar (2019) In his research article

help students and faculty innovate to use electronic devices effectively in libraries . Explained

Mishra (2022) In his research article

Today, while using information technology in libraries, cloud computing and artificial intelligence are also increasingly being incorporated into libraries . That said.

Kumbhar (2019) Modern trends such as mobile applications have been explored for continuous access to back-chain and library services .

Kumar and Singh (2018) , information technology in libraries enhances information retrieval and sharing services, and digital libraries and computerization enhance efficiency and accessibility, making them user-friendly .

Sawant 2020 He discussed the transition from traditional library systems to digital libraries and the increasing adoption of automation platforms like Koha and Lipsi in college libraries in Maharashtra, which are providing a better experience to the users while managing and using the libraries .

Joshi (2019) and Kade (2021)

According to their study, the limitations of library infrastructure and the lack of skills of library staff have been explained in our research.

Research methods

For the above research work, a questionnaire has been adopted for data collection using descriptive research method. For the present research work, senior colleges coming from Nagpur University, Wardha Gondia and Bhandara districts have been included .

Information analysis

In the present research, 60 questionnaires were distributed, out of which 21 questionnaires were filled and returned by the respondents

Table of Questionnaire

Sr. No.	District	Questionnaire number	Questionnaire percentage
1	Nagpur	7	33%
2	Bhandara	5	24%
3	Gondia	4	19%
4	Wardha	5	24%
		21	100%

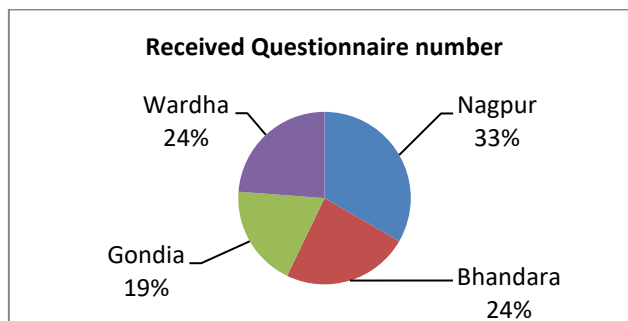


Table - 01 Educational Qualification

Sr. No.	Educational Qualification	Percentage of librarians with educational qualifications
1	M Lib	86.4
2	M. Phil .	50
3	Ph. D.	59.1
4	NET	45.5
5	SET	40.9

College librarians have completed postgraduate education and 50 percent of librarians have completed M.Phil. 59.1 percent of librarians have completed their Ph.D. On average, all librarians have completed their qualifications .

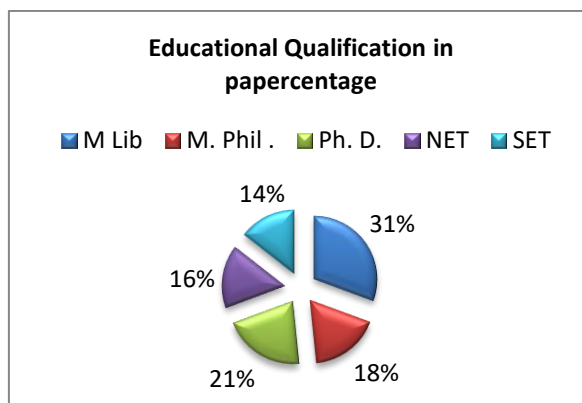


Table No. 02 College Library Librarian Experience

Sr. No.	Experience (Years)	Percentage (%)
1	0 to 10	18.2 %
2	11 to 20	50 %
3	21 to 30	22.7 %
4	More than 31	9.1 %
		100%

College librarians can be said to have good experience in the library field, with 18 percent librarians having 10 years of experience. 50 librarians have 10 to 20 years of experience, and 23 percent librarians have more than 20 years of experience. 10 percent librarians have more than 30 years of experience.

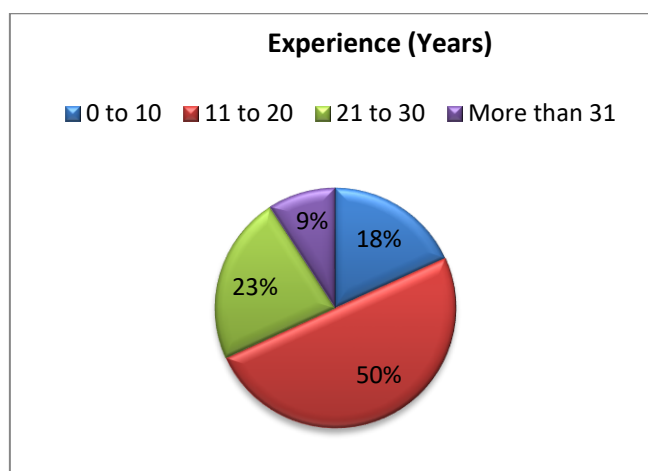


Table No. 03 Financial assistance to college library

Sr. No.	Financial assistance to the library	Percentage (%)
1	UGC grant	9.5 %
2	Student library fees	66.7 %
3	Government subsidy	9.5 %
4	Others (College / Management Committee)	14.3%
		100%

Funding for college libraries is provided by UGC to 10 percent of libraries, while 66 percent of libraries are provided by students' library fees, government grants are provided to 10 percent of libraries, and 15 percent of libraries receive other funding.

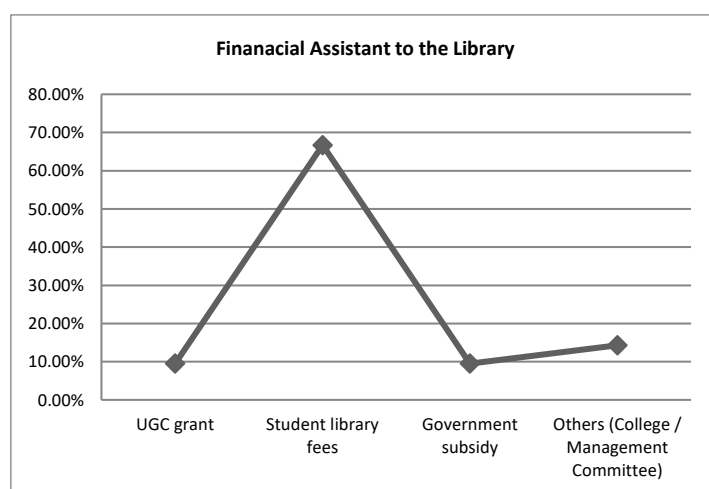


Table No. 04 Annual Estimates of the Library (in Rupees)

Sr. No.	Library Annual Estimate Sheet	Percentage (%)
1	10,000 or less	9.1 %
2	10,000 and above	4.5 %
3	50,000 to less than that	31.8 %
4	50,000 and above	22.7 %
5	More than 1,00,000	31.8 %
		100%

Although a few libraries have a small annual budget, most libraries have a budget of more than 50,000.

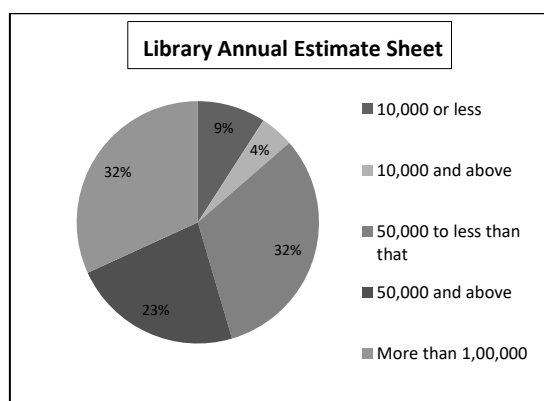
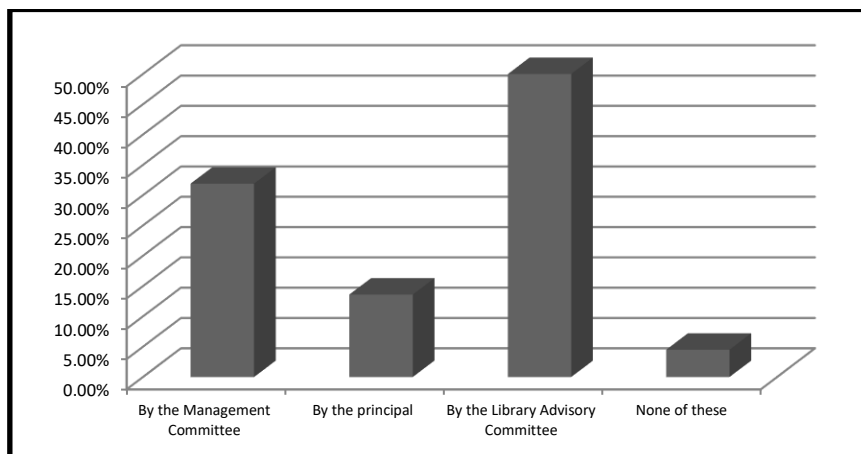


Table No. 05 Library finances Planning

Sr. No.	Library financial planning	Percentage (%)
1	Management Committee	31.9 %
2	principal	13.6 %
3	Library Advisory Committee	50 %
4	None of these	4.5 %
		100%

The financial planning of the library is done by the Management Committee, the Principal, and the Library Advisory Committee .



In addition, various factors are included while analyzing.

- Planning review meetings are held twice a year .
- College libraries are an effective tool for Modern services are provided .
- The staff is trained and the services are successful .
- The network connection speed is good .
- Services are provided based on automated information technology .

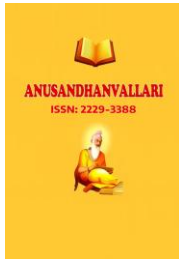
It appears that there are information technology-based tools available in many colleges.

Conclusion -

While conducting an analytical study of the developmental plans implemented for the adoption of information technology in college libraries, information technology is being adopted in college libraries. Library staff are trained. Infrastructure and facilities are provided at the right place at the right time . Although there are challenges to be faced by those coming forward, the library staff is trained. Therefore, the present research is coming to an end .

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