Independent University **Bangladesh (IUB)**

IUB Academic Repository

IUB Library Thesis

2026-06

Changes of Library Services with the Demand of Modern Technologies: selected university libraries in Bangladesh”

Islam, Md. Shahidul

Shahidul

https://ar.iub.edu.bd/handle/11348/1260

Downloaded from IUB Academic Repository

Research Proposal

on

“Changes of Library Services with the Demand of Modern Technologies: selected university libraries in Bangladesh”

By

Md. Shahidul Islam

M. Phil student in Information Science and Library Management
University of Dhaka

Under the supervision of

Dr. Muhammad Jaber Hossain

Professor, Department of Information Science and Library Management
University of Dhaka

October, 2021

Department of Information Science and Library Management
University of Dhaka, Dhaka-1000, Bangladesh

Table of Contents

Introduction ----------
Background of the study ----------
Library Services ----------
Scope of the Study ----------
Methods and Materials----------
Data Collection ----------
The Primary Sources ----------
The Secondary Sources----------
Data Analysis and Presentation ----------
Objectives of the Research ----------
Literature Review ----------
Expected Research Time Frame ----------
References ----------

“Changes of Library Services with the Demand of Modern Technologies: selected university libraries in Bangladesh”

Md. Shahidul Islam

Introduction

A library provides different types of services to its readers or users. If we think or look thirty years back when modern technologies and the internet were not available, digital communication was totally out of thought then physical services were the only way of library services. But for a few years there was a dramatic change in mode of library services. Now the users can use and avail the almost full facilities from home “save the time of the reader”. Once there was a provision of card catalogue but now it is converted to online cataloguing. If we look back to the 90's we can see few libraries have computers to store information and there was no option of network. Information Technology (IT), RFID, Koha, one of the most used library management software in the world, Plagiarism checking system, have brought a revolutionary change in library services.

Background of the Study:

A huge change is found in library services over the years because of the availability of modern technologies. But it can be found that most of the professionals can not adapt with these new technologies for this somewhere library services hamper much with demand. It is mentionable that many organizations are reluctant to cope up with the new dimensions of services. Researchers could realize that there was no alternative without adapting with the digital services. In this sense he has thought that the library professionals should adapt and practice all modern services.

Modern technologies will be introduced in this research elaborately with their importance, their usages, and benefits. Before that, it will be tried to discover why a huge number of professionals, institutions can not provide this all up to date services to the end users. However, they face some challenges when using online library services, including a lack of awareness about the available online library services, trouble locating relevant information and restricting websites. Some participants suggested improving hassle-free online library services Al-Baridi, Saleh A. (March, 2012).

Library Services

The library services / facilities include Circulation Service, Reference Service, Online reservation of books, Recommendation of library material, Current Awareness Service, Inter Library Loan Service, Photocopying / Printing Service, Orientation and Information Sessions, Selective Dissemination of Information, Audio Visual Service and Multimedia Section, etc.

Senior library staff need to engage with the strategic planning of the institution in order to understand where the institution is trying to go in the future, and so as to ensure that the library is supporting this strategy as effectively as possible. In order to adapt to the different pressures and opportunities in the funding environment, universities are increasingly giving different levels of importance and priority to the traditional agendas of education, research and outreach. All university services, including libraries, have to respond to these changes, and in some cases have

to reprioritise their services in order to meet the institutional strategy. As institutional priorities change, we see that libraries are changing to support these priorities (online source).

Scope of the Study

This research will show the benefits of new technology and system of use of those devices. It's very clear that thirty years ago there was a different scenario in library services. To conduct this article some selected including public and private universities of Bangladesh will be given preference most. Information will be taken from previous research papers, from the old and new library professionals to show the differences in services of past and present. Following university libraries will be visited:

SL	Name	Year of established	Type	Location
01	University of Dhaka Central Library (UDCL)	1921	Public	Dhaka
02	Jahangirnagar University (JU) Library	1970	Public	Dhaka
03	National University (NU) Library	1992	Public	Gazipur
04	Independent University, Bangladesh (IUB) Library	1993	Private	Dhaka
05	North South University (NSU) Library	1992	Private	Dhaka
06	Sher-E-Bangla Agricultural University (SAU) Library	2001	Public	Dhaka
07	University of Rajshahi (RU) Central Library	1953	Public	Rajshahi
08	University of Barisal Central Library	Public	Public	Barisal
09	Jagonnat University Library	2005	Public	Dhaka
10	East West University Library	1992	Private	Dhaka
11	Daffodil International University Library	2002	Private	Dhaka

Methods and Materials

The focus issue of the study is to represent the present scenario of Library services among library users in public and private university libraries. To understand how these libraries are coping up with their role, initiatives have been conducted and much information regarding this topic has been obtained through secondary sources. And for more information a case study method will be followed. Case study (or case report) is a research method involving a detailed investigation of a single individual or a single organized group.

Data Collection

Data will be collected for the study from the selected public and private university libraries. The study combined both qualitative and quantitative data. The conceptual and textual information related to the present study will be collected both from primary and secondary sources of information.

a) The Primary Sources: Primary data will be collected from libraries' personnel interview and questionnaire. Moreover, primary data will be collected seminars, conference proceedings, officials' records, published and unpublished doctoral dissertation and reports related to the study.

b) The Secondary Sources: For secondary data or information different types of publications (journals, research reports, theses, annual reports etc.) will be consulted. Besides, secondary data will be collected from different sources of information especially using Google and Google Scholar.

Data Analysis and Presentation

For the data analysis and presentation, the following steps will be followed:

a. Software: SPSS and Microsoft Excel will be used to analyze statistical data.

b. Tables: Frequency table, data analysis etc. will be used to describe the findings.

c. Graphics: Chart wizard, graph and different types of figures will be used to represent the findings of the survey.

Objectives of the Research

The library is an integral part of every academic institution because it provides users with information, resources, and services to help them with their studies and research Al-Baridi, Saleh A.(March, 2012). With the evolution of Information Technology, digital equipment the activities of human beings have also changed. By this research it will be identified the new technologies, new services of a library and how to adapt these with these changes. Professionals may be inspired to learn the technologies. Resources are available in google so everyone wants to meet his/her requirement online as there is copy paste option, share option, easily editable and no need to carry a huge number of documents in hand. It is also true that a majority of the old library professionals are not well

skilled to adapt with these new technologies. This research will help them to be skilled and willing to use modern services.

Literature Review:

This is an incredible opportunity to increase our understanding of public perceptions and expectations of libraries in the digital age (Larra Clark, 2013).

The internet has already had a major impact on how people find and access information, and now the rising popularity of e-books is helping Americans' reading habits. In this changing landscape, public libraries are trying to adjust their services to these new realities while still serving the needs of patrons who rely on more traditional resources. In a new survey of Americans' attitudes and expectations for public libraries, the Pew Research Center's Internet & American Life Project finds that many library patrons are eager to see libraries' digital services expand, yet also feel that print books remain important in the digital age (Pew Research Center, 2013)

Many public libraries in South Africa and elsewhere in the world are embracing digitisation of library services in order to improve their services to the public. Digitalisation refers to an increase in the adoption and usage of digital or computerized technology by libraries (Paulin, Anthopoulos and Reddick, 2017).

The purpose of digitalisation is to improve access to library materials and their preservation (Fabunmi, Paris and Fabunmi, 2006).

Stewart and Newman (2018) note that digitalisation facilitates simultaneous online access from anywhere at any time thereby accelerating the collection and delivery process.

Expected Completion of Research Time Frame

The research will be completed within the following time

	Duration 2022-2023	Activity	Description
01	January2021-June 2022	Literature Review	To identify gaps in knowledge, to build a structure of this research
02	July 2021-December 2022	Research Methodology and Data Collection	a. Visiting selected university libraries and finalized methodology b. Collecting data through Questionnaire and interview
03	January 2023-March 2023	Data Analysis	Collected data will be analysed through SPSS and Ms Excel and other appropriate statistical packages
04	April 2023-June 2023	Draft thesis	Writing a draft of thesis

05	July 2023-December 2023	Finalized and Submission	The thesis work will be Finalized and Submitted through a process

References

1.https://www.scribd.com/document/334841496/Synopsis-of-Library-Management-System#from_embed

2.Ferguson, Stuart and Hebels, Rodney (2003). Computers for Librarians.

3.https://www.sciencedirect.com/topics/computer-science/library-management-system

4.https://princh.com/8-technologies-to-implement-at-the-library-of-the-future/#.YWZ3wxpBzIU

5.https://www.scribbr.com/category/methodology/

6.https://www.pewresearch.org/internet/2013/01/22/library-services/

7.https://web.p.ebscohost.com/ehost/pdfviewer/pdfviewer?vid=3&sid=23b0088d-04cc-4a42-b5a7-51517529f5e1%40redis

8.Momen, Md. Nurul (2019).Raowa review p. 25

9.Al-Baridi, Saleh A. Library Philosophy and Practice; Lincoln (Mar 2021). Use and awareness of online library services among faculty members of KFUPM, Dhahran, Saudi Arabia 1-19.

10.Uddin, Md. Jamal and Hasan, Md. Nazmul (2012). Use of information technology in library service: A study on some selected libraries in northern part of Bangladesh