

Chapter 18

An Evaluative Study on the Information Security With Special Reference to University Libraries of West Bengal

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ABSTRACT

Information Security is the modern day threats that are significant in the areas of the library and information centre. The paper aims to contribute in the areas of digital security with a slant to the information security in library and information centre. The information security concepts along with the issues of such security in the libraries are detailed here. It was revealed that the information security in libraries can be important in the present day approach in the university libraries.

DOI: 10.4018/979-8-3693-5807-8.ch018

1. INTRODUCTION

The library is a service organization where service is the prime criterion to serve the users. In such a sense library and information centre is considered as a safe place for doing study and research. However, there remain numerous obstacles and threats which are directly linked to risks in the library and thus the issue of security management arises. The situation becomes critical with the increasing use of technological tools. Many authors have pointed out of two types of threats in academic libraries. One was conventional security threats another was emerging security threats.

Information security in academic libraries is crucial for protecting sensitive data, intellectual property, and ensuring the privacy of patrons. There are the measures available typically include access controls, encryption, regular security audits, and staff training on cybersecurity best practices. Libraries often face unique challenges due to the diverse range of users and the need to balance openness with security. University in the present juncture of rising social platforms faced numerous unique challenges.

2. LITERATURE REVIEW

The extensive literature search showed the areas like

- **Academic library security risk management**

Yamson & Cobblah (2016) shown how the Central University library was adversely affected by security issues and other anti-social dangers, and how the situation would be considerably improved by the installation of security policies, CCTV, and surveillance equipment. According to the report, employees should also be alert for theft, book mutilation, and other security breaches and should go on “security patrols” to confirm these occurrences.

Farid, Warraich, & Iftikhar (2023) demonstrated the importance of digital information security management, or DISM, as a tool for guaranteeing resource safety and data privacy in electronic settings. The purpose of this study is to examine the methods and implementation of DISM policies in university libraries. It also mentions the challenges academic libraries face in terms of policy when putting these DISM procedures into practice.

Han, Huang, and Ren (2016) assessed the information security risk of a typical digital library using the (GB/T20984-2007) multiplicative technique in line with the concepts and guidelines of ISO 27000. The purpose of this study is to confirm

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