

INFORMATION TECHNOLOGY INTERVENTION IN LIBRARY AND INFORMATION SERVICES

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DOI: 10.5958/2278-4853.2025.00006.X

ABSTRACT

Rapid growth in the number of electronic resources and in the complexity of managing e-collections has posed for libraries, and traces the progress in developing tools and setting standards to address such challenges. Libraries across the world are adopting cloud computing to make library services more streamlined and cost-efficient. The best-integrated library software and LMS software have started using the Internet of Things (IoT) to transfer data without human intervention. Artificial intelligence (AI) is one of the promising technologies, which will revolutionize the library services and its management in the present information age. Collaboration combined with attentiveness among vendors and customers to industry initiatives and standards can lead to a system design that responds to the demanding and rapidly changing requirements of the e-resource world and builds on the available software infrastructure at libraries. The purpose of this research paper is to discuss the application and prospects of information technology interventions in libraries.

KEYWORDS: *RFID, Cloud Computing, Internet Of Things, Digital Libraries, Moodle, Artificial Intelligence.*

REFERENCES

1. Barsha, S. and Munshi, S.A. (2024), "Implementing artificial intelligence in library services: a review of current prospects and challenges of developing countries", *Library Hi Tech News*, Vol. 41 No. 1, pp. 7-10. <https://doi.org/10.1108/LHTN-07-2023-0126>.
2. Okunlaya, R.O., Syed Abdullah, N. and Alias, R.A. (2022), "Artificial intelligence (AI) library services innovative conceptual framework for the digital transformation of university education", *Library Hi Tech*, Vol. 40 No. 6, pp. 1869-1892. <https://doi.org/10.1108/LHT-07-2021-0242>.
3. Sadeh, T. and Ellingsen, M. (2005), "Electronic resource management systems: the need and the realization", *New Library World*, Vol. 106 No. 5/6, pp. 208-218.
4. Suman Sumi & Jatinder Kumar, 5th International CALIBER -2007, Panjab University, Chandigarh, 08-10 February, 2007, organized by INFLIBNET Centre, Ahmedabad.