



# **FUTURISTIC VISION AND TECHNOLOGY FOR INNOVATIVE LIBRARIES**

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## CHAPTER 24

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# Impact of Emerging Technologies on LIS Professional Development

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### **ABSTRACT**

As professionals in the library and information science field, it's crucial to keep up with emerging technologies. Institutions have policies, and tech-savvy users demand new tools that may replace traditional librarian duties and require cutting-edge technical skills. Continuous professional development (CPD) has a significant role for LIS professionals to enhance and refresh their abilities and qualities. A current study aims to identify the significance of emerging technologies for libraries and LIS professionals and strategies for staying informed. The study also examines the impact of emerging technologies on professional development, the challenges it presents, and institutions' strategies for enhancing user experiences and fostering new opportunities for collaboration.



## Futuristic Vision and Technology for Innovative Libraries

Digital, in every sense, the libraries are transforming with significant leaps in technology taking place every day. Whereas the patrons are expecting libraries to provide a seamless, accessible experience, the libraries are finding new ways for sustainability, change management, and flexibilities by applying library standards. The edited book has been focusing on various management models and frameworks in library services. The theme has been introduced with a view to identify different models, standards, and tools which can be used to bring change in the ICT environment. It is expected to generate a large number of views from across the world which has far-reaching impact on developing the best out of all. The book especially focuses on faculty-student-library collaboration in all spheres of activities in the academic libraries. It underscores the collaboration of all stakeholders for holistic development of the academic library system. The content in the book also focuses on the institutional involvement in providing better manpower, better financial outlay based on the emerging practices. There has been much emphasis on the emerging management models for academic libraries; manpower structure in ICT environment; evolving ways and means for better relationship for working with faculty; user-centric services, reference and outreach; changes in emerging user characteristics, behaviors, and expectations; analyzing users' expectations in the emerging digital environment; information literacy and competency programs, e-tutorials along with best practices on modern library services.

Various aspects of the book have provided the deep knowledge in the areas of technology, Policy, and Innovation. ICT has a profound impact on all spheres of activities in the academic libraries. Its impact has been noticed on the way the libraries are to build its collection, its technical activities, its outreach activities, its budgetary strategies, its manpower development, its infrastructural requirement, and the most important its services for the patrons. The edited book has been able to provide focus on local to global: Implications of repositioning libraries into the digital future; challenges in provision of digital information services; innovations in library management and services; digital library standards and policies; web 3.0 technologies and their applications in academic libraries; application of Mobile, Web and Semantic Technologies, techniques in Intelligent Information Retrieval; plagiarism Detection Tools and Policies; application of Artificial Intelligence in Academic Libraries.

While vision and roles of the future academic libraries involve comprehensive outlook of the academic libraries by 2030 with the focus area such as indigenous knowledge creation, content development, and digital libraries; strengthening library-faculty collaborations; and university, college and research libraries as partners in the knowledge generation. The book would be able to provide futuristic vision of academic libraries and role of academic libraries in implementation of National Education Policy 2020 and evidence-based library services in educational institutions. The book would be highlighting the emerging trends in digital governance.



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