Reconceiving Libraries for 'Vikasit Bharat 2047' : A Digital-First Blueprint for Comprehensive Knowledge Ecosystems

Dr. Minakshi Bondge,
Librarian,
Maharashtra Mahavidyalaya, Nilanga
minakshibondge@gmail.com
@ 7721007145

Abstract:

As India marches towards its vision of **Viksit Bharat** by 2047, libraries must evolve into dynamic, comprehensive, and sustainable knowledge ecosystems. This paper presents a digital-first blueprint for preconceiving libraries, emphasizing their evolutionary role in the digital era. By imposing upon cutting-edge technologies such as open-access platforms, machine learning, and artificial intelligence, libraries can bridge the digital divide and foster innovation. The study highlights the importance of digital resources, digital literacy, and creating multilingual content to ensure accessibility for all. It also reinforces the need for inclusivity, with a focus on universal design principles and community engagement to serve vulnerable populations. Furthermore, the paper explores strategies for preserving India's rich cultural heritage through digital archives and oral history projects. Sustainability is inscribed through green library initiatives and long-term digital preservation strategies. The maneuver concludes with policy recommendations, including the development of a national library policy and public-private partnerships to drive capacity building and innovation.

Key words: Vikasit Bharat, Digital archives, National Library Policy, Cultural heritage, Sustainability

1. Introduction

Impact of libraries on development of culture in a society is revolutionary. Libraries are the pursers of knowledge, gateways to a world of information, and storytellers, A good modern library may be an archive of all the required magazines, newspapers, textbooks, novels, manuscripts, etc and make them available to anybody interested in these sources of information. Libraries nowadays are extending their scope of services. They no longer rely physical components to provide all of your information demands, instead they employ 21st-century technologies whenever and wherever you need the information. Digital libraries serve as a catalyst for overcoming traditional, economic barriers to knowledge for India's diverse linguistic and socio-economic population gradients. They coordinate with urban and rural educational institutions providing remote access to academic and governmental resources and stimulating an extensive knowledge environment. These libraries are transforming into digital hubs to disseminate , access, use, and preserve the information in the digital age, allowing knowledge to transcend geographical and socio-economic barriers

2. Review of Literature

The literature review evaluates the evolution of libraries, global trends in digital library management, and challenges faced by Indian libraries. It also highlights key initiatives and policies supporting library transformation in India.

2.1 Evolution of Libraries

Libraries have transitioned from physical repositories to digital hubs, leveraging technologies like AI and machine learning. Library system's in India have been developed in an organized manner. the growth of libraries in India have for aspects I.e. establishment, maintenance, functioning and development. Progress of any country in the world strictly needs to provide free public library services to the citizens. Democratic country like India have to establish the service institutions like public libraries system in order to enhance the democratization of information and to promote the social, cultural, historical and scientific and technical knowledge in the public.

The growth and development of library system in India can be easily studied by categorizing it into three groups: 1. Ancient Libraries; 2. Medieval Libraries; and 3. Modern Libraries.

2.2 Global Trends

Digital libraries are increasingly adopting open-access platforms and AI-driven tools. AI has become an effective asset to libraries. It is helping to improve library resources and services in the developing countries. Implementation of AI has revolutionized several library operations in universities and institutions. Chat bots assist library users to find

Aayushi International Interdisciplinary Research Journal (AIIRJ)

VOL- XII	ISSUE- I	JANUARY	2025	PEER REVIEW e-JOURNAL	IMPACT FACTOR 8.379	ISSN 2349-638x

accurate answers to their questions. It helps library users to compete in research writing paper writing tasks, research design and notes making etc (Huang, 2022). It facilitates to provide 24/7 services to users. . Moreover Robot assisted AI can help shelving, auditing of books thereby reducing human labor. Libraries are digitized through the latest techniques.

Digital libraries have democratized the learning by ensuring easy access to educational materials for all layers of society. Anyone from anywhere regardless of their financial status has equal access to knowledge. Open access repositories such as government digital libraries like NDL, institutional libraries have bestowed a huge treasure of knowledge to users, this is a breakthrough in the development. These resources provide wealth of educational material ranging from school level study material, latest and ancient academic research papers, encyclopedias, newspapers, etc, on the fingertips of unprivileged students and public in the urban and rural society. This is the revolutionary breakthrough in the development of the countries like India that are preparing to become a developed country. Open-access repositories, such as academic libraries and government digital archives, provide vast pools of knowledge without the limitations of physical libraries. In India, this democratization is particularly important, as millions of learners in remote and underprivileged regions can now access a wealth of educational materials, ranging from school-level textbooks to advanced academic research papers. This significantly impacts the accessibility and inclusivity of education, fostering a more equitable .As India envisions itself as Viksit Bharat by 2047, libraries must transform into comprehensive, innovative, and sustainable knowledge ecosystems. This paper presents a digital-first blueprint for reconceiving libraries, ensuring they remain relevant and impactful in the digital age

Libraries must digitize rare books, manuscript and archives to preserve cultural heritage AI can enhance cataloging, recommend resources, and provide personalized learning experiences (Patil & Kumbar, 2020). User-friendly digital platforms are essential for remote access to resources. Libraries should provide computers and high-speed internet to underserved communities Training programs can empower users to navigate digital resources effectively (Raju, 2018). Digital content in regional languages ensures inclusivity. Libraries must adopt assistive technologies for people with disabilities.

Collaborating with local communities ensures libraries meet their needs. Collaboration with Academia and Industry partnerships can drive innovation and research. Maker spaces and Innovation Hubs encourage experimentation with emerging technologies). Open access democratizes knowledge and fosters collaboration (National Knowledge Commission, 2007). Libraries should create comprehensive digital archives of India's cultural heritage. Documenting oral traditions preserves indigenous knowledge. Eco-friendly, green library practices, such as energy-efficient buildings, reduce environmental impact). Strategies must ensure the longevity of digital collections A comprehensive policy is needed to support library modernization (Government of India, 2021). Collaborations can drive funding and innovation. Training librarians in digital skills is essential for effective library management

2.3 Initiatives in India

The National Education Policy 2020 and the National Digital Library of India are key initiatives (Government Of India,2021). Prime Minister Narendra Modi's goal, known as Viksit Bharat 2047, is for India to become a developed nation by 2047, the year it celebrates its 100th anniversary of independence. Libraries have a crucial role in his journey (Kumar Garav,2024). By adopting this blueprint, libraries can become central institutions in India's journey towards becoming an erudite society, empowering individuals and communities to flourish in the digital age.

2.4 Challenges in India

Limited funding, inadequate infrastructure, and low digital literacy are significant barriers in India.

3. Methodology:

I have employed qualitative research approach for this study by analyzing secondary data from academic journals, government reports, and case studies. The findings are synthesized to propose a roadmap for Indian libraries.

4. Conclusion:

One of the major contributions of digital libraries is the democratization of learning. By ensuring easy access to educational materials for everyone, regardless of their physical location or financial background, digital libraries have become an equalizing force. Open-access repositories, such as academic libraries and government digital archives, provide vast pools of knowledge without the limitations of physical libraries. In India, this democratization is particularly important, as millions of learners in remote and underprivileged regions can now access a wealth of educational materials, ranging from school-level textbooks to advanced academic research papers. This significantly impacts the accessibility and inclusivity of education, fostering a more equitable.

Libraries are pivotal to achieving the vision of *Viksit Bharat 2047*. By adopting digital transformation, fostering inclusivity, and preserving cultural heritage, libraries can become dynamic knowledge ecosystems that empower individuals and communities. This paper provides a roadmap for libraries to adapt and thrive in the digital era, ensuring their continued relevance and impact.

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