

## چکیده مبسوط

**مقدمه:** این پژوهش رویکردهای پژوهشی تحول دیجیتال کتابخانه‌های عمومی را بررسی می‌کند. تحول دیجیتال، که شامل مفاهیمی مانند کتابخانه هوشمند و نامرئی است، به بازتعریف فناوری برای تغییر تجارب کاربران و فرآیندها می‌پردازد (وسترمن، ۲۰۱۴؛ گرومن، ۲۰۱۶). این پدیده علاوه بر فناوری، فرهنگ و نیازهای اطلاعاتی کاربران را دگرگون کرده است. پژوهش حاضر با طبقه‌بندی تحقیقات موجود و شناسایی رویکردهای پژوهشی، چارچوبی برای درک بهتر این تحول ارائه می‌دهد. یافته‌ها به کتابخانه‌های عمومی کمک می‌کند تا خدمات خود را با نیازهای دیجیتالی کاربران همسو کنند. این پژوهش برای اولین بار، چارچوبی کلان برای رویکردهای پژوهشی این حوزه ارائه داد.

**روش پژوهش:** پژوهش حاضر، از نظر نوع، کاربردی، از نظر روش، کیفی و توصیفی و به لحاظ رویکردی، مبتنی بر مرور روایی سندمحور است. نوع استدلال به کارگرفته در پژوهش، استقرایی است. دلیل اتخاذ چنین رویکردی، نیاز به آگاهی و شناسایی رویکردهای پژوهش‌های انجام شده در حوزه تحول دیجیتال کتابخانه‌های عمومی است. جامعه آماری این پژوهش شامل کلیه متون و اسناد معتبر مبتنی بر استراتژی جستجو با کلیدواژه‌های "تحول دیجیتال و کتابخانه"، "تحول دیجیتال و کتابخانه عمومی" و "کتابخانه هوشمند"، "کتابخانه آینده"، "کتابخانه مجازی" و "کتابخانه متاورسی" در بازه زمانی ۱۳۹۳ تا ۱۴۰۳ شمسی و کلیدواژه‌های Digital Transformation and Library، Smart Library، Future Library، Metaverse Library، Virtual Library و Digital Transformation and Public Library در بازه زمانی ۲۰۱۵ تا ۲۰۲۴ میلادی بود.

**یافته‌ها:** با توجه به پرسش اصلی پژوهش، محتوای ۳۹ پژوهش منتخب مورد مطالعه دقیق و تحلیل عمیق قرار گرفتند. معمولاً طرح ریزی و اجرای تحول راهبردی در هر سازمانی می‌تواند بر مبنای دو رویکرد اصلی شکل بگیرد: (۱) طرح ریزی و اجرای تحول راهبردی بر اساس مبنا قرار دادن وضع مطلوب<sup>۱</sup> و (۲) طرح ریزی و اجرای تحول راهبردی بر اساس مبنا قرار دادن وضع موجود<sup>۲</sup>. در این پژوهش علاوه بر توجه به این رویکرد، یک رویکرد مبتنی بر برنامه‌گذار (برنامه تحولی) برای تحقق تحول دیجیتال نیز اضافه شد. کلیه پژوهش‌های منتخب بر اساس این سه رویکرد مرتب‌سازی و سازماندهی شدند. طبیعتاً بعضی از پژوهش‌های منتخب متناسب با محتواهای آنها امکان داشت در چند دسته قرار بگیرند اگرچه پژوهشگران تلاش کردند رویکرد غالب را در نظر بگیرند. در شکل زیر رویکردهای پژوهشی تحول دیجیتال کتابخانه‌های عمومی و موضوعاتی که در ذیل آنها قرار گرفته‌اند آورده شده است.

<sup>1</sup> TO-BE First Approach

<sup>2</sup> AS-IS First Approach



## Extended Abstract

Title: Identifying research approaches related to the digital transformation of public libraries

Names of Authors :

Zahra Moazzami PhD Student in Knowledge and Information Science, Islamic Azad University, Tehran North Branch. Email: Moazzamizahra1@gmail.com

Zahra Abazari Department of Knowledge and Information Science, Islamic Azad University, Tehran North Branch. Email: abazari391@yahoo.com

Rahman Sharifzade Information and Society Research Department; Iranian Research Institute for Information Science and Technology (IranDoc), Tehran, Iran. Sharifzadeh@irandoc.ac.ir

Fahimeh Babalhavaeji Department of Communication and Information Science, Islamic Azad University, Science and Research Branch. Email: f.babalhavaeji@gmail.com

Nadjla Hariri Department of Communication and Information Science; Islamic Azad University, Science and Research Branch. Email: nadjlahariri@gmail.com

**Introduction:** This study examines research approaches to digital transformation in public libraries. Digital transformation, encompassing concepts such as smart libraries and invisible libraries, involves redefining technology to transform user experiences and processes (Westerman, 2014; Gruman, 2016). This phenomenon has revolutionized not only technology but also culture and users' information needs. The current research provides a framework for better understanding this transformation by classifying existing studies and identifying research approaches. The findings help public libraries align their services with users' digital needs. For the first time, this study presents a comprehensive framework for research approaches in this field.

**Methodology:** This study is applied in nature, qualitative and descriptive in method, and adopts a document-based narrative review approach. The reasoning employed is inductive. This approach was chosen to identify and analyze research approaches in the field of digital transformation in public libraries. The study population includes all valid documents retrieved through a search strategy using keywords such as: Digital Transformation and Library, Future Library, Smart Library, Metaverse Library, Virtual Library, Digital Transformation and Public Library covering publications from 2015 to 2024.

**Main findings:** In response to the main research question, the content of 39 selected studies was thoroughly examined and analyzed in depth. Typically, the design and implementation of strategic transformation in any organization can be based on two main approaches:

- (1) Designing and implementing strategic transformation based on the desired future state
- (2) Designing and implementing strategic transformation based on the current state.

In this study, in addition to these approaches, a transitional program-based approach (transformational roadmap) was introduced for achieving digital transformation. All selected studies were categorized and organized according to these three approaches. Naturally, some studies could fit into multiple categories based on their content, though the researchers prioritized the dominant approach in each case. The figure below presents the research approaches to digital transformation in public libraries and their associated themes.

Keywords: Digital transformation, Public library, Research approaches.

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