

Educational Management Strategies in Improving Learning Quality in the Digital Era

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ABSTRACT

The digital era has brought transformative changes to the educational sector, creating both opportunities and challenges in enhancing learning quality. This dissertation explores effective educational management strategies to improve learning outcomes through the integration of digital technologies. It examines key factors influencing the successful implementation of digital tools in education and provides policy recommendations to support this integration. The study employs a mixed-methods approach, combining qualitative and quantitative data to offer a comprehensive understanding of the impact of digital technologies on learning quality.

Keywords: Digital Transformation in Education, Educational Management Strategies, Learning Quality Enhancement

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I. INTRODUCTION

Background

The advent of digital technology has revolutionized various sectors, including education. The integration of digital tools in the educational process has the potential to enhance learning experiences, improve student engagement, and foster personalized learning. However, the successful implementation of these technologies requires effective educational management strategies. This chapter discusses the significance of digital integration in education and highlights the need for robust management strategies to optimize learning outcomes.

Despite the potential benefits of digital technologies in education, many schools face challenges in effectively integrating these tools into their teaching and learning processes. These challenges include inadequate infrastructure, limited digital literacy among educators, and disparities in access to technology. This dissertation aims to address these challenges by identifying and analyzing educational management strategies that can enhance the quality of learning in the digital era.

To explore the role of educational management in the integration of digital technologies in schools. To identify key factors influencing the successful implementation of digital tools in education. To assess the impact of digital technologies on learning quality. To provide policy recommendations for effective educational management in the digital era

What is the role of educational management in the integration of digital technologies in schools? What are the key factors influencing the successful implementation of digital tools in education? How do digital technologies impact learning quality? What policy recommendations can support effective educational management in the digital era?

II. LITERATURE REVIEW



Theoretical Framework

This chapter reviews the theoretical foundations of educational management and digital learning. It explores various models and frameworks that underpin the integration of technology in education, including the Technology Acceptance Model (TAM) and the SAMR model (Substitution, Augmentation, Modification, Redefinition).

In examining educational management strategies for improving learning quality in the digital era, this study integrates several theoretical perspectives. Transformational Leadership Theory highlights the importance of visionary and inspirational leadership in facilitating the adoption of digital technologies, emphasizing the role of leaders in motivating and supporting educators.

Complementing this, the Technology Acceptance Model (TAM) provides insights into how perceived usefulness and ease of use influence educators' willingness to integrate digital tools. Constructivist Learning Theory underscores the value of interactive and student-centered learning experiences facilitated by digital resources, while the Diffusion of Innovations Theory explains how new technologies spread through educational settings, offering strategies to overcome resistance and accelerate adoption.

Additionally, Andragogy, or Adult Learning Theory, stresses the need for tailored professional development that acknowledges the self-directed and experience-based nature of adult learners. Together, these theories offer a comprehensive framework for understanding and developing effective educational management strategies in the digital age, aiming to enhance learning quality through strategic integration of technology.

Digital Technologies in Education



The chapter examines the role of digital technologies in enhancing learning quality. It reviews existing research on the impact of digital tools, such as e-learning platforms, interactive whiteboards, and educational apps, on student engagement and achievement.

Educational Management Strategies

This section explores different management strategies that schools can adopt to facilitate the integration of digital technologies. It discusses the importance of leadership, professional development for educators, and the role of policies and infrastructure in supporting digital learning

III. METHODS

Research Design

The study employs a mixed-methods approach, combining qualitative and quantitative data to provide a comprehensive analysis of educational management strategies and their impact on learning quality.

Data Collection

Data is collected through surveys, interviews, and case studies involving educators, school administrators, and students. The chapter details the sampling techniques and instruments used for data collection.

Data Analysis

The chapter outlines the methods used to analyze the collected data, including statistical analysis for quantitative data and thematic analysis for qualitative data.

IV. RESULTS



This chapter presents the findings of the study, highlighting the role of educational management in the successful integration of digital technologies. It discusses the key factors influencing the implementation of digital tools and their impact on learning quality..

Discussion

The discussion interprets the findings in the context of existing literature. It explores the implications of the results for educational management and provides insights into how schools can effectively integrate digital technologies to enhance learning outcomes.

V. CONCLUSION AND SUGGESTION

The study concludes that effective educational management is crucial for the successful integration of digital technologies in education. It emphasizes the need for a comprehensive approach that includes leadership, professional development, and supportive policies.

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