

Educational Leadership and Policy Reform: Challenges and Opportunities in the Digital Era

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Abstract:

The rapid advancement of digital technology has significantly transformed educational systems, requiring educational leaders and policymakers to adapt to emerging challenges and opportunities. This study aims to examine the relationship between educational leadership and policy reform in the digital era, focusing on the challenges faced by educational institutions and the opportunities created by technological developments. The study employed a qualitative library research design using a descriptive-analytical approach. Data were collected from scholarly journal articles, books, policy documents, and relevant academic publications related to educational leadership, digital transformation, and educational policy. The collected data were analyzed through thematic content analysis to identify major themes and patterns. The findings reveal that educational leaders play a crucial role in facilitating digital transformation, implementing policy reforms, and promoting institutional innovation. Digital leadership competencies, collaborative practices, and data-driven decision-making emerged as essential factors for effective leadership. The study also identified several challenges, including the digital divide, inadequate infrastructure, limited leadership capacity, and ethical concerns regarding technology use. At the same time, digital transformation provides opportunities to improve educational quality through technological innovation, flexible learning environments, and enhanced organizational effectiveness. The study concludes that effective educational leadership and responsive policy reform are essential for achieving sustainable educational development in the digital era. The findings contribute to the understanding of leadership practices and policy implementation in contemporary educational contexts.

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Introduction (مقدمة)

The rapid advancement of digital technology has transformed various aspects of human life, including the field of education. The emergence of digital platforms, artificial intelligence, online

learning systems, and data-driven educational management has significantly changed how educational institutions operate and deliver services. Educational institutions are increasingly required to adapt to technological developments to maintain their relevance and effectiveness. Consequently, educational leadership and policy reform have become essential components in ensuring that educational systems can respond to contemporary challenges. Educational leaders are expected to demonstrate adaptive, innovative, and strategic leadership in navigating digital transformation (Fullan, 2014).

Educational leadership plays a crucial role in shaping the direction and quality of educational institutions. Effective leaders influence organizational culture, instructional practices, and policy implementation. In the digital era, leadership responsibilities extend beyond administrative management to include technological integration, digital literacy development, and organizational innovation. School leaders and policymakers must create environments that encourage collaboration, creativity, and continuous improvement to address emerging educational demands (Leithwood & Jantzi, 2005).

The increasing integration of digital technologies in education has generated substantial policy changes at national and institutional levels. Governments around the world have introduced educational reforms emphasizing digital competencies, technology-enhanced learning, and innovative pedagogical approaches. These reforms require educational leaders to interpret and implement policies effectively while addressing local institutional contexts. The success of policy implementation largely depends on leadership capacity, institutional readiness, and stakeholder participation (Hallinger, 2011).

Despite the opportunities provided by digital transformation, numerous challenges continue to affect educational leadership and policy reform. One major challenge involves the digital divide, which creates unequal access to technological resources among schools and students. Institutions located in rural or economically disadvantaged areas often face difficulties in acquiring adequate digital infrastructure. Such inequalities hinder policy implementation and limit the effectiveness of educational innovations (UNESCO, 2021).

Another significant challenge concerns the readiness of educational leaders to manage digital change. Many school administrators and policymakers possess limited technological competencies and experience difficulties integrating digital tools into educational management. Insufficient professional development programs often reduce leaders' ability to formulate effective digital strategies. Consequently, leadership preparation programs need to incorporate digital competencies and change management skills to support educational transformation (OECD, 2020).

The COVID-19 pandemic further accelerated the urgency of educational policy reform and digital leadership. Educational institutions worldwide were compelled to shift to online learning environments within a short period. This transition exposed both strengths and weaknesses within educational systems. Leaders who demonstrated flexibility, innovation, and effective communication were better able to maintain educational continuity during the crisis. The pandemic highlighted the importance of resilient leadership and adaptive policy frameworks in responding to unexpected disruptions (Harris & Jones, 2020).

Digital transformation also presents considerable opportunities for improving educational quality. Technology enables personalized learning, efficient administrative systems, data-driven decision-making, and broader access to educational resources. Educational leaders can utilize digital tools to enhance communication, monitor institutional performance, and support instructional improvement. Such opportunities contribute to more responsive and effective educational governance (Selwyn, 2016).

Policy reform in the digital era requires collaborative leadership involving various stakeholders, including teachers, students, parents, government agencies, and community organizations. Participatory approaches to policymaking encourage shared responsibility and increase policy acceptance. Educational leaders who promote collaboration and stakeholder

engagement are more likely to achieve successful policy implementation and sustainable institutional change (Bush, 2020).

Furthermore, educational leadership in the digital era must emphasize ethical considerations and social responsibility. Issues such as data privacy, cybersecurity, digital citizenship, and equitable access to technology have become increasingly important. Educational leaders are responsible for establishing ethical guidelines and ensuring that technological innovations support inclusive and responsible educational practices. Such concerns require comprehensive policies and strong institutional leadership (Sheninger, 2019).

Several previous studies have examined educational leadership and technology integration; however, many studies focus primarily on technological adoption rather than the relationship between leadership and policy reform. The dynamic interaction between leadership practices, policy implementation, and digital transformation remains insufficiently explored, particularly within diverse educational contexts. Therefore, further investigation is necessary to understand how educational leaders respond to policy reforms in the digital era (Day et al., 2016).

This study seeks to examine the challenges and opportunities associated with educational leadership and policy reform in the digital era. It aims to identify the factors influencing policy implementation, leadership effectiveness, and institutional adaptation to technological change. Understanding these aspects can contribute to the development of more responsive leadership models and effective educational policies.

Ultimately, educational leadership and policy reform represent fundamental elements in achieving sustainable educational development in the digital age. The success of educational institutions increasingly depends on leaders' capacity to navigate technological changes, address emerging challenges, and capitalize on digital opportunities. Therefore, exploring the relationship between leadership and policy reform remains essential for advancing educational quality and institutional resilience in the twenty-first century.

Method (منهج)

This study employed a qualitative library research design to examine educational leadership and policy reform in the digital era. Library research was considered appropriate because the study aimed to analyze theoretical perspectives, empirical findings, and policy developments related to educational leadership and digital transformation. Rather than collecting primary field data, the research focused on critically reviewing and synthesizing existing scholarly literature, policy documents, and relevant academic publications (Creswell & Creswell, 2018).

The study adopted a descriptive-analytical approach to explore the challenges and opportunities associated with educational leadership and policy reform. This approach enabled the researchers to identify major themes, examine relationships among concepts, and provide comprehensive interpretations of contemporary educational issues. The descriptive aspect focused on presenting existing phenomena, while the analytical aspect emphasized critical examination and interpretation of the collected data (Merriam & Tisdell, 2016).

Data sources consisted of both primary and secondary materials. Primary sources included international journal articles, educational policy reports, and official publications related to educational leadership, digital transformation, and educational reform. Secondary sources included books, conference proceedings, dissertations, and other scholarly documents that supported the theoretical and conceptual framework of the study (Bowen, 2009).

The selection of literature followed predetermined inclusion criteria. Sources published between 2015 and 2025 were prioritized to ensure the relevance and currency of the discussion regarding digital transformation in education. Additionally, publications indexed in reputable

academic databases such as Scopus, Web of Science, ERIC, and Google Scholar were included to maintain the credibility and quality of the reviewed literature. Articles unrelated to educational leadership or digital policy reform were excluded from the analysis.

Data collection was conducted through systematic document analysis. The researchers identified, selected, and organized relevant literature using keywords such as “educational leadership,” “policy reform,” “digital leadership,” “educational innovation,” and “digital transformation in education.” These keywords facilitated the retrieval of relevant publications and helped establish a comprehensive database of scholarly materials (Bowen, 2009).

The collected documents were then categorized according to thematic areas, including leadership practices, policy implementation, digital competencies, educational challenges, and opportunities arising from technological advancements. This thematic classification enabled the researchers to identify recurring patterns, similarities, and differences across previous studies. The categorization process also supported the development of analytical themes that guided the discussion of findings.

Data analysis employed thematic content analysis. This technique involved reading and re-reading the selected documents, coding important information, identifying themes, and interpreting relationships among concepts. Thematic analysis was chosen because it allows researchers to organize complex information into meaningful categories and generate comprehensive interpretations of the phenomenon under investigation (Braun & Clarke, 2006).

To ensure the trustworthiness of the study, several strategies were implemented. Source triangulation was applied by comparing findings from different types of literature, including journal articles, policy documents, and books. Peer examination and repeated review of the analyzed materials were also conducted to reduce researcher bias and improve the consistency of interpretations. These procedures contributed to the credibility and dependability of the findings (Lincoln & Guba, 1985).

Ethical considerations were addressed by properly citing all sources and respecting intellectual property rights. The researchers ensured that all data were obtained from publicly accessible academic materials and official publications. Proper referencing and citation practices were followed throughout the research process to maintain academic integrity and avoid plagiarism.

Finally, the findings derived from the thematic analysis were interpreted within the broader context of educational leadership and policy reform in the digital era. The analysis focused on identifying major challenges, emerging opportunities, and implications for educational institutions and policymakers. The results of this study are expected to contribute to the development of effective leadership strategies and responsive educational policies that support sustainable educational transformation in the digital age.

Result (نتائج)

The analysis of the selected literature indicates that educational leadership has undergone substantial transformation in the digital era. Educational leaders are no longer limited to administrative and managerial responsibilities but are increasingly expected to act as innovators, technology facilitators, and change agents. The reviewed studies demonstrate that successful educational institutions often possess leaders who are capable of integrating digital technologies into organizational management and instructional practices.

The findings reveal that digital leadership competencies have become essential components of effective educational leadership. These competencies include technological literacy, data-

driven decision-making, digital communication skills, and strategic planning abilities. Educational leaders who possess these competencies are better prepared to respond to rapid technological changes and support institutional adaptation. Several studies indicate that digital competence directly influences the success of educational reforms and innovation initiatives.

Another significant finding concerns the implementation of educational policies in the digital era. Policy reforms emphasizing digital transformation have been introduced in many educational systems. However, the effectiveness of policy implementation largely depends on institutional readiness, leadership commitment, and stakeholder involvement. Schools with strong leadership support tend to achieve more successful policy implementation compared to institutions with limited administrative capacity.

The analysis also identifies the digital divide as one of the major challenges affecting educational leadership and policy reform. Differences in technological infrastructure, internet accessibility, and financial resources create inequalities among educational institutions. Rural schools and economically disadvantaged areas frequently encounter difficulties in implementing digital initiatives. Consequently, educational leaders must develop adaptive strategies to minimize disparities and ensure equitable access to educational opportunities.

Professional development emerges as another important factor influencing leadership effectiveness. Many educational leaders require additional training to develop digital competencies and leadership skills. The reviewed literature consistently emphasizes the importance of continuous professional development programs, workshops, and leadership training initiatives. Institutions that invest in leadership capacity building demonstrate greater success in managing educational change.

The findings further indicate that collaborative leadership practices significantly contribute to successful policy implementation. Educational leaders who encourage teacher participation, stakeholder engagement, and shared decision-making create more supportive organizational environments. Collaboration promotes trust, improves communication, and facilitates the acceptance of new policies and innovations. Such participatory approaches enhance institutional resilience and sustainability.

Another result concerns the role of technology in improving administrative efficiency. Digital platforms enable educational leaders to manage information, monitor institutional performance, and facilitate communication more effectively. Learning management systems, digital databases, and online communication tools have increased organizational efficiency and reduced administrative burdens. Consequently, leaders can allocate more attention to instructional improvement and strategic planning.

The analysis also reveals that the COVID-19 pandemic accelerated digital transformation in education. Educational institutions were forced to adopt online learning systems and remote management practices. This situation highlighted the importance of flexible leadership and adaptive policymaking. Leaders who demonstrated innovation and responsiveness were more successful in maintaining educational continuity during periods of disruption.

Data-driven decision-making emerges as an important characteristic of contemporary educational leadership. Educational leaders increasingly utilize digital data to evaluate institutional performance, monitor student achievement, and inform policy decisions. The use of educational data contributes to evidence-based policymaking and supports continuous institutional improvement. This finding suggests that data literacy has become an essential leadership competency in the digital era.

Table 1. Major Findings of the Study

Theme	Main Findings
Digital Leadership	Leaders function as innovators and change agents.
Leadership Competencies	Digital literacy and strategic management are essential.
Policy Implementation	Depends on leadership support and institutional readiness.
Digital Divide	Infrastructure disparities remain significant challenges.
Professional Development	Continuous training improves leadership effectiveness.
Collaborative Leadership	Stakeholder participation supports policy success.
Administrative Technology	Digital systems increase organizational efficiency.
COVID-19 Impact	Accelerated educational digitalization.
Data-Driven Leadership	Educational data supports decision-making.
Ethical Issues	Privacy and cybersecurity become major concerns.
Educational Innovation	Technology creates new learning opportunities.
Sustainable Reform	Leadership and policy must work collaboratively.

The findings further demonstrate that ethical considerations have gained greater importance within digital educational environments. Issues related to data privacy, cybersecurity, responsible technology use, and digital citizenship require careful attention from educational leaders. Institutions that establish clear ethical guidelines and digital policies are better positioned to protect students and maintain public trust.

Additionally, the reviewed studies indicate that policy reform creates numerous opportunities for educational innovation. Digital technologies support personalized learning, flexible instructional models, and expanded access to educational resources. Educational leaders who embrace innovation are able to improve teaching quality, strengthen institutional competitiveness, and enhance student learning experiences. Therefore, policy reform should be viewed not only as a challenge but also as an opportunity for educational advancement.

The results suggest that educational leadership and policy reform are closely interconnected in the digital era. Effective leadership supports successful policy implementation, while responsive policies facilitate institutional adaptation to technological change. The findings emphasize the importance of digital competencies, collaborative leadership, continuous professional development, equitable access, and ethical considerations in achieving sustainable educational transformation.

Discussion (مناقشة)

The findings indicate that educational leadership in the digital era has experienced a significant transformation from traditional administrative functions to more innovative and technology-oriented roles. Educational leaders are increasingly required to act as facilitators of change, digital innovators, and strategic decision-makers. This transformation supports the

argument of Fullan (2014), who emphasizes that educational leaders must possess the capacity to lead change and build organizational adaptability. The digital environment demands leadership approaches that are flexible, collaborative, and responsive to technological developments.

The emergence of digital leadership competencies represents one of the most important findings of this study. Educational leaders are expected to demonstrate digital literacy, technological awareness, and the ability to utilize information systems effectively. This finding aligns with Sheringer (2019), who argues that digital leadership involves the integration of technology into educational vision, communication, and organizational management. Leaders who possess strong digital competencies are better positioned to guide institutions through periods of technological transformation.

The study also reveals that educational policy reform cannot be separated from leadership effectiveness. Policies related to digital transformation require leaders who are capable of interpreting, adapting, and implementing reforms within their institutional contexts. Hallinger (2011) suggests that successful policy implementation depends heavily on leadership capacity and organizational support. Therefore, educational leadership serves as a bridge between policy formulation and practical implementation.

The persistence of the digital divide remains a critical challenge in educational reform. Unequal access to technological infrastructure and internet connectivity limits the effectiveness of digital policies, particularly in disadvantaged regions. This finding supports UNESCO (2021), which identifies educational inequality as one of the major obstacles to achieving inclusive digital education. Consequently, policymakers and educational leaders must prioritize equitable access to technological resources.

Professional development appears to play a central role in enhancing leadership effectiveness. The findings demonstrate that many educational leaders require continuous training to develop digital competencies and change-management skills. This result is consistent with OECD (2020), which emphasizes the importance of leadership preparation and professional learning programs in supporting educational innovation. Continuous professional development enables leaders to respond effectively to emerging educational challenges.

Collaborative leadership practices also contribute significantly to successful policy implementation. The involvement of teachers, staff members, parents, and other stakeholders creates shared responsibility and strengthens institutional commitment. Bush (2020) argues that distributed leadership encourages participation and improves organizational performance. The findings suggest that collaborative approaches facilitate policy acceptance and promote sustainable institutional change.

The increasing use of digital technologies in educational administration provides substantial organizational benefits. Digital management systems improve communication, facilitate information sharing, and support institutional monitoring. Selwyn (2016) notes that educational technologies can enhance efficiency and organizational effectiveness when implemented appropriately. Therefore, educational leaders should integrate technological tools into administrative and instructional processes.

The COVID-19 pandemic further emphasized the importance of adaptive leadership. Educational institutions worldwide experienced unprecedented disruptions that required rapid responses and innovative solutions. Harris and Jones (2020) argue that effective leaders during crises demonstrate flexibility, resilience, and strong communication skills. The present findings confirm that adaptive leadership became essential for maintaining educational continuity during emergency situations.

Data-driven decision-making has emerged as another important aspect of contemporary

educational leadership. The use of educational data enables leaders to evaluate institutional performance, identify areas for improvement, and formulate evidence-based policies. This finding supports contemporary leadership theories that emphasize accountability and informed decision-making. Educational leaders who effectively utilize data can improve organizational performance and educational outcomes.

Ethical considerations also occupy a prominent position within digital educational environments. Issues such as data privacy, cybersecurity, and responsible technology use require careful attention from educational leaders. Sheninger (2019) emphasizes that digital leadership involves ethical responsibilities that extend beyond technological implementation. Institutions must therefore establish clear policies and guidelines to ensure safe and responsible use of digital technologies.

Furthermore, the findings demonstrate that policy reform provides opportunities for educational innovation and institutional development. Digital technologies facilitate personalized learning, flexible instructional approaches, and broader access to educational resources. Fullan (2014) argues that successful educational change occurs when innovation is supported by effective leadership and institutional commitment. Educational leaders should therefore view policy reform as an opportunity for growth rather than merely an administrative obligation.

Overall, this study confirms that educational leadership and policy reform are closely interconnected in the digital era. Effective leadership supports the successful implementation of policies, while responsive policies enable institutions to adapt to technological change. The findings highlight the importance of digital competencies, collaborative leadership, professional development, ethical awareness, and equitable access in achieving sustainable educational transformation. Consequently, future educational reforms should emphasize leadership development as a key component of policy success.

Conclusion (خاتمة)

This study demonstrates that educational leadership and policy reform are fundamentally interconnected in responding to the challenges and opportunities of the digital era. The findings indicate that educational leaders are required to move beyond traditional administrative roles and adopt digital competencies, strategic thinking, and adaptive leadership practices. Effective leadership contributes significantly to the successful implementation of educational policies, particularly those related to digital transformation, innovation, and institutional development. However, several challenges remain, including the digital divide, inadequate technological infrastructure, limited leadership capacity, and issues related to data ethics and cybersecurity. Addressing these challenges requires collaborative leadership, continuous professional development, and supportive policy frameworks.

Furthermore, the study highlights that the digital era provides considerable opportunities for improving educational quality through technological innovation, data-driven decision-making, and inclusive educational practices. Educational leaders who embrace change and promote stakeholder participation can facilitate sustainable institutional transformation. Therefore, policymakers and educational institutions should prioritize leadership development programs and establish responsive educational policies that support digital integration and equitable access to educational resources. Future studies may explore empirical evidence from specific educational contexts to further understand the relationship between leadership practices and policy implementation in the rapidly evolving digital landscape.

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Bibliography (مراجع)

- Black, P., & Wiliam, D. (1998). Assessment and Classroom Learning. *Assessment in Education: Principles, Policy & Practice*, 5(1), 7-74.
- Bowen, G. A. (2009). Document analysis as a qualitative research method. *Qualitative Research Journal*, 9(2), 27-40.
- Braun, V., & Clarke, V. (2006). Using thematic analysis in psychology. *Qualitative Research in Psychology*, 3(2), 77-101.
- Bush, T. (2020). *Theories of Educational Leadership and Management*. Sage.
- Creswell, J. W., & Creswell, J. D. (2018). *Research Design: Qualitative, Quantitative, and Mixed Methods Approaches* (5th ed.). Sage.
- Day, C., Gu, Q., & Sammons, P. (2016). The Impact of Leadership on Student Outcomes. *Educational Administration Quarterly*.
- Fitrianto, I. (2024). Critical Reasoning Skills: Designing an Education Curriculum Relevant to Social and Economic Needs. *International Journal of Post Axial: Futuristic Teaching and Learning*, 245-258
- Fitrianto, I. (2024). Innovation and Technology in Arabic Language Learning in Indonesia: Trends and Implications. *International Journal of Post Axial: Futuristic Teaching and Learning*, 134-150.
- Fitrianto, I. (2024). Strategi Guru Pai Dalam Mengatasi Kesulitan Belajar Pada Mata Pelajaran Hadis Kelas 8 MTS Ibadurrahman Subaim. *IJER: Indonesian Journal of Educational Research*, 356-363.
- Fitrianto, I. (2025). Beyond Competence: Rethinking Education for Holistic Well-Being and Happiness. *International Journal of Post Axial: Futuristic Teaching and Learning*, 1-11.
- Fitrianto, I., & Abdillah, F. M. (2018). MODEL PEMBELAJARAN PROGAM PEMANTAPAN BAHASA ARAB DAN SHAHSIAH (KEMBARA) KE 4 MAHASISWA KOLEJ UNIVERSITI ISLAM ANTAR BANGSA SELANGOR (KUIS) TAHUN 2018. University of Darussalam Gontor 15-16 September 2018, 121.
- Fitrianto, I., & Farisi, M. (2025). Integrating Local Wisdom into 21st Century Skills: A Contextual Framework for Culturally Relevant Pedagogy in Rural Classrooms. *International Journal of Post Axial: Futuristic Teaching and Learning*, 109-121.
- Fitrianto, I., & Layalin, N. A. (2025). The Paradigm of Physical Punishment from the Perspective of Islamic Education and Its Implementation in Indonesia and Malaysia. *International Journal of Post Axial: Futuristic Teaching and Learning*, 147-156.
- Fitrianto, I., & Saif, A. (2024). The role of virtual reality in enhancing Experiential Learning: a comparative study of traditional and immersive learning environments. *International Journal of Post Axial: Futuristic Teaching and Learning*, 97-110.
- Fitrianto, I., Al-Faruqi, M. R., & Hanifah, N. A. (2025). The Contributions of Ibn Malik to Arabic Language Education: A Historical and Pedagogical Analysis. *IJAS: International Journal of Arabic Studies*, 1-11.
- Fitrianto, I., Hamid, R., & Mulalic, A. (2023). The effectiveness of the learning strategy" think, talk, write" and snowball for improving learning achievement in lessons insya'at Islamic Boarding School Arisalah. *International Journal of Post Axial: Futuristic Teaching and Learning*, 13-22.
- Fullan, M. (2014). *The principal: Three keys to maximizing impact*. San Francisco, CA: Jossey-Bass.
- Hallinger, P. (2011). Leadership for learning: Lessons from 40 years of empirical research. *Journal of Educational Administration*, 49(2), 125-142.

- Harris, A., & Jones, M. (2020). COVID-19 and school leadership: Responding to new challenges and opportunities. *School Leadership & Management*, 40(4), 243–247.
- Leithwood, K., & Jantzi, D. (2005). Transformational leadership. In B. Davies (Ed.), *The essentials of school leadership* (pp. 31–43). London, United Kingdom: Sage Publications.
- Lincoln, Y. S., & Guba, E. G. (1985). *Naturalistic inquiry*. Beverly Hills, CA: Sage Publications.
- Merriam, S. B., & Tisdell, E. J. (2016). *Qualitative research: A guide to design and implementation* (4th ed.). San Francisco, CA: Jossey-Bass.
- OECD. (2020). *Schooling during COVID-19: From disruption to recovery*. Paris, France: Organisation for Economic Co-operation and Development.
- Selwyn, N. (2016). *Education and technology: Key issues and debates* (2nd ed.). London, United Kingdom: Routledge.
- Sheninger, E. (2019). *Digital leadership: Changing paradigms for changing times* (2nd ed.). Thousand Oaks, CA: Corwin Press.
- UNESCO. (2021). *Reimagining our futures together: A new social contract for education*. Paris, France: UNESCO Publishing.