

Chapter 7

Bridging Innovative Technologies With Progressive Educational Governance

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ABSTRACT

Education today necessitates modernization through the latest digital tools and technologies. The integration of EdTech and leadership is crucial for advancing modern education. To effectively apply technology in educational institutions, understanding the role of leadership is essential. Education reforms are underway to stimulate innovation and enhance digital technology use, focusing on flexibility, student-centric approaches, and visionary leadership. Notable entities like UNESCO and Khan Academy are at the forefront of promoting comprehensive professional growth. Leadership styles, such as distributed, transformational, and visionary leadership, are pivotal in adapting to new technologies. The technology divide, marked by uneven access to devices and the internet, remains a significant challenge, often amplifying educational disparities. Adapting to new educational environments poses challenges for educators, necessitating that educational leaders prioritize stress reduction activities, collaboration, and a supportive work environment for teachers.

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INTRODUCTION

The Convergence of EdTech and Leadership in Modern Education

Education needs to get transformed with time so that the latest technologies can be used. In today's world the convergence of EdTech and leadership is necessary for developing modern education. In general terms EdTech is all about enhancing the use of latest technologies and integrating the digital tools in the education (McCarthy *et. al.* 2023). It is important to understand that use of digital platforms can help both the students and educators in getting better personalised experience and tailoring the education as per the needs and preferences of the student.

Along with this EdTech can really help the leaders in making more data driven decision related to the progress of the students and adapting the new strategies. Effective data driven leadership can really help in making the best use of resources which is required for effective professional development of the students (Mwita and Joanthan, 2019). This report will elaborate about the need for having effective convergence between leadership and EdTech in education. Also the report will state the potential challenges and opportunities related with bridging of innovative technologies with the progressive educational governance.

The Significance of Progressive Governance in the Age of Digital Learning

In today's era education needs to be transformed with the best possible digital tools and technologies. Here the leadership and governance plays a major role in continuous improvement and innovation in the education sector (Qablan et al., 2023). Progressive governance can help in adapting the new policies and agile decision making for ensuring that quality education is being offered by the students. Along with this progressive governance support innovation, technological advancements and foster digital literacy which is important for digital transformation in the education (Ramadan & Ismail, 2023). Moreover it can be said that progressive governance is important for bridging the use digital devices and preparing the students for a future in which education is more dynamic.

THE NEW AGE LEADER: CHARACTERISTICS AND QUALITIES

Traits of Leaders Who Successfully Integrate Technology in Education

Leaders need to have effective skills for successfully integrating the use of technology in the education sector. According to Roth and Price, (2016) for successful implementation of the technology in the educational institutions it is necessary to understand the role of leadership (Ibrahim et al., 2024). In this study the researchers has stated that for having better educational transformation it is necessary to understand that strong leadership is required at national, regional and school level. When the leaders at all level work effectively towards the transformation with better decision making, collaboration and teamwork then the implementation of technology becomes easier.

As per the views of Prestiadi, *et. al.* (2020) Successful leaders who incorporate technology into the classroom have a few essential characteristics. They exhibit a distinct understanding of how technology can improve learning while making sure that it is in line with academic objectives. They are flexible, willing to try new things, and keep up with the newest developments in their field. Their ability to effec-

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