


Chapter 3


Educational Paradigm Shift: Embracing Modern Technologies in the Post–COVID–19 Era

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ABSTRACT

The pandemic spanning from 2020 to 2022 has brought about various impacts on society. Post this Covid era,, significant transformations have been witnessed in multiple sectors, including business and education. Throughout the COVID pandemic from 2020 to 2022, an observable shift occurred in the education system, moving away from its conventional distribution to embracing modern technologies. Grasping and applying these innovative technologies presented a challenge for both educators and students alike. For a software engineer, adapting the understanding of traditional educational distribution to a computerized format was indeed a formidable task. This period saw the introduction of numerous software technologies in the market. In this section, we will delve into these technologies and endeavor to discern whether they have demonstrated their effectiveness in the classroom. This

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chapter is also find out the answer of a pivotal question to explore is whether these technologies can be seamlessly incorporated into traditional classroom settings.

INTRODUCTION

The COVID-19 pandemic has reshaped virtually every aspect of our lives, and education is no exception. As schools and universities grappled with lockdowns and social distancing measures, a rapid shift towards digital learning became imperative. This transition not only highlighted the resilience of educational systems but also underscored the potential of modern technologies in shaping the future of learning.

Reflecting on my personal experience during the pandemic, I witnessed first-hand the challenges and opportunities presented by this educational paradigm shift. As classrooms migrated to virtual platforms and online resources became indispensable, it became evident that embracing modern technologies was no longer a choice but a necessity.

This introduction seeks to delve into the rapid shift observed within the education industry towards digital platforms during and post the pandemic. Furthermore, it aims to explore the anticipated evolution of the online education sector, specifically focusing on the adoption of hybrid learning models in the aftermath of the pandemic.

Through this exploration, we will endeavor to uncover innovative strategies, address existing challenges, and pave the way for a more inclusive, adaptive, and technologically-driven approach to education in the post-COVID era.

Ultimately the objectives of this chapter in this unit are as follows:

- a) To grasp the sudden move of the education industry toward digital platforms during and after the pandemic.
- b) To explore the prospective future evolution of the online education sector after the pandemic regarding the adoption of hybrid learning.

LITERATURE REVIEW

The educational landscape has undergone a transformative shift post the COVID-19 era, with a significant focus on integrating modern technologies into pedagogical practices. This shift represents a fundamental change, altering traditional classroom dynamics and embracing innovative digital tools and platforms. The literature review delves into various aspects of this educational transformation, examining its theoretical underpinnings and practical implications.

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