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**THE IMPACTS OF TECHNOLOGY USAGE TOWARDS THE STUDENTS'
EDUCATION AFTER PANDEMIC**

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ABSTRACT

The COVID-19 pandemic has wreaked havoc on the education sector, forcing institutions to adopt distance learning approaches and relying heavily on technology to ensure continuation of education. This research study explores the impact of technology use on student education in the post-pandemic era. The general objective of this research is to investigate the impact of technology usage towards the students' education after pandemic. This research will employ the qualitative data collection method. The quantitative component of the study will involve collecting data on students' academic performance, engagement levels, and technology usage. To collect comprehensive information about students' learning experiences and the influence of technology on their educational outcomes, a diverse group of students from various educational levels will be selected for survey participation. Furthermore, an analysis of existing academic records and assessment scores will be conducted to compare educational achievements before and after the pandemic.

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1.2 Background of Study

As the world continues to strive for digitalization, technology has evolved at a rapid pace. Technology usage has increase as more students use technology to learn and attend classes, particularly during the pandemic, and some universities still prefer to use technology, such as online learning, to provide lectures and knowledge to students. This can be seen where some universities still ongoing with hybrid classes even after the pandemic.

New educational technology has emerged as a result of the rapid development and widespread application of modern information technology, and studying the deep integration of technology and education has grown to be a research focus (Li, Zhang and Xue, 2019). The main objective is to prospectively study how the usage of education cloud platform can improve teaching and students' learning behaviour, promoting deep integration of modern educational technology and classroom teaching, and discovering the establishment of information technology based on education cloud platform.

Moreover, online learning, also known as e-learning or distance learning, is education that takes place over the Internet (Yuan, Ji and Zhong, 2022). The use of the internet has changed the study life of many people, particularly students, as technology has continuously evolved. For instance, the Covid-19 pandemic has had a significant impact on higher education, with universities around the world being forced to conduct classes online in a relatively short period of time. During the Covid-19 pandemic, academicians use technology and online platform such as Google Classroom and Microsoft Team to continue their lecture with the students.

Information systems are becoming ubiquitous and an essential part of our daily lives in such a modern era because of the widespread use of computers and smart devices combined with the availability of internet connectivity in most places (Harrati, Bouchrika and Mahfouf, 2017). The way people teach, work, and conduct research has been completely affected a transformed by the use of online technology in academic institutions. Software

CHAPTER TWO

LITERATURE REVIEW AND CONCEPTUAL FRAMEWORK

2.1 Introduction

In this chapter, the research is focus on the impacts of technology towards students' academic performance after pandemic will be include in the literature review. Section 2.1 will discuss about education post pandemic, e- learning practices in education and technology influence on students' academic performance. Section 2.2 will discuss on the conceptual framework of the research. Section 2.3 will discuss on the research hypotheses. Finally, Section 2.4 discuss on the summary for this chapter.

2.1.1 Education Post Pandemic

Covid-19 has influenced the study methods of many people, especially students in higher education. This is because they must transition from traditional face-to-face learning to online distance learning. This is where students in higher education will be exposed to more technological applications in their education. In addition, as a result of the Covid-19 Pandemic, lecturers are required to modify their teaching methods while still providing sufficient lectures to students.

During the pandemic, many universities adopted the transition from face-to-face to online learning. Numerous technologies have been purchased and implemented by institutions of higher education, but little consideration has been given to their accessibility and affordability. The significance of online and online learning has never been more clear. The use of audio, video, and other tools to present content in multiple forms can assist faculty and staff in ensuring accessibility. Similarly, both augmented and virtual field trips can assist students who are unable to attend in person to maximize their learning (Chan, 2020).