

Digital skills and research methods

Impact of virtual learning report assignment 2

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introduction

Recently, the education system has faced an unprecedented health crisis that has shaken up its foundation. Given today's uncertainties, it is vital to gain a nuanced understanding of students' online learning experience in times of the COVID-19 pandemic. Although many studies have investigated this area, limited information is available regarding the challenges and the specific strategies that students employ to overcome them. Thus, this study attempts to fill the void. Using a mixed-methods approach, the findings revealed that the online learning challenges of college students varied in terms of type and extent. Their greatest challenge was linked to their learning environment at home, while their least challenge was technological literacy and competency. The findings further revealed that the COVID-19 pandemic had the greatest impact on the quality of the learning experience and students' mental health. In terms of strategies employed by students, the most frequently used were resource management and utilization, help-seeking, technical aptitude enhancement, time management, and learning environment control. Implications for classroom practice, policy-making, and future research are discussed. Keywords COVID-19 · Remote learning · Online learning · Online learning

Background

In December 2019, an outbreak of a novel coronavirus, known as COVID-19, occurred in China, and has spread rapidly across the globe within a few months. COVID-19 is an infectious disease caused by a new strain of coronavirus that attacks the respiratory system (World Health Organization, 2020). As of January 2021, COVID-19 has infected 94 million people and has caused 2 million deaths in 191 countries and territories (John Hopkins University, 2021). This pandemic 1 3 Education and Information Technologies has created a massive disruption of the educational systems, affecting over 1.5 billion students. It has forced the government to cancel national examinations and the schools to temporarily close, cease face-to-face instruction, and strictly observe physical distancing. These events have sparked the digital transformation of higher education and challenged its ability to respond promptly and effectively. Schools adopted relevant technologies, prepared learning and staff resources, set systems and infrastructure, established new teaching protocols, and adjusted their curricula. However, the transition was smooth for some schools but rough for others, particularly those from developing countries with limited infrastructure (Pham & Nguyen, 2020; Simbulan, 2020).

Inevitably, schools and other learning spaces were forced to migrate to full online learning as the world continues the battle to control the vicious spread of the virus. Online learning refers to a learning environment that uses the Internet and other technological devices and tools for synchronous and asynchronous instructional delivery and management of academic programs (Usher & Barak, 2020; Huang, 2019).

Synchronous online learning involves real-time interactions between the teacher and the students, while asynchronous online learning occurs without a strict schedule for different students (Singh & Thurman, 2019). Within the context of the COVID-19 pandemic, online learning has taken the status of interim remote teaching that serves as a response to an exigency. However, the migration to a new learning space has faced several major concerns relating to policy, pedagogy, planning, socioeconomic factors, technology, and psychosocial factors with reference to policies, government education agencies and schools scrambled to create fool proof policies on governance structure, teacher management, and student management.

Teachers, who were used to conventional teaching delivery, were also obliged to embrace technology despite their lack of technological literacy. To address this problem, online learning webinars and peer support systems were launched. On the part of the students, dropout rates increased due to economic, psychological, and academic reasons.

Academically, although it is virtually possible for students to learn anything online, learning may be less than optimal, especially in courses that require face-to-face contact and direct interactions (Franchi, 2020).

Aims and objective of this report

The major aim of the investigate vle's impact on the UWTSD London's students learning experience. Another aim is also to determine how easily students and teachers can use VLE'S in terms of learning and educational purposes.

The major objectives are

- 1] to analyse the impacts of vle's in terms of learning experience of students towards UWTSD London
- 2] to design question are to collect the primary data and secondary data
- 3] to evaluate the reaction of students in UWTSD CAMPUSES

TASKS	WEEK 1	WEEK 2	WEEK3	WEEK 4	WEEK 5
LITERAT URE REVIEW	DONE				
OBJECTI VES AND AIMS		DONE			
METHOD S			DONE		
DESING QUESTIO NARE				DONE	
COOLEC T 1 ST DATA					DONE

METHOD

The researcher has applied primary quantitative as well as secondary qualitative data collection methods to collect the data related to vle's as well as its impact, benefits and more

Researcher has also applied the post positivism philosophy for the primary quantitative analysis along with realism philosophy for secondary qualitative analysis. The research has applied both deductive for primary quantitative as well as inductive for secondary qualitative analysis

The research has applied survey technique to collect data from 25 participants by providing them 5 questions. All participants by providing them questions in the form of question are. All students participated are students of the form of answer used is multiple, linear scale to answer the questions

Advantages

1.Improved inclusivity At Virtual classrooms shy students will normally find virtual lessons much suitable for them to take part in. It shows that they don't have the thoughts that strength and self-confidence comes by raising a hand in a physical classroom with other students watching over them. And for those students virtual learning is better option for them.

2. Increased accessibility Virtual lessons are available to any students which have access to a digital device such for example, computer and to have constant internet connection. But it does not matter what their device is like, they are able to attend in virtual lessons and at any time and to start learning.

3. Relationship and Community One of the most important advantages is the fact that virtual learning environments allows the students to build relationships with new students they share interests with. However, they can then work and share their thoughts, and ideas together on projects which will increase their skills in working as a team.

4. Saving Cost Here is no need for special travel to school, university or college because, everything is online. Also, as well as saving travel costs, virtual lessons will then decrease students costs and their parents gas and fuel during the education.

5. Developed world view Students who are studying in virtual lessons will regularly get to meet and learn with students from all over the world and from different countries and backgrounds. This will help additionally the students by knowing how other nations and people tactic problem solving and this will increase students' own skills more.

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6. Increased technical skills the virtual practice of being on a computer through the virtual classes, students can absorb new technical skills and development and to be more trained with the keyboard and applications.

7. Direct feedback on learning Online learning lessons provide the chance for instant feedback as different to traditional classrooms normally teachers take the work home to mark it and the students must wait longer period until they received the feedbacks. This will increase student's learning, allowing them to develop a lot faster than they do in their classrooms.

8. More flexibility and comfort in students the students can study from their own home using the online app Teams which provides them with virtual lessons, which saves time and decrease their journeys and travel, and this makes their lifestyles more flexible and increase their self-confident. However, virtual learning makes more calm learning from home and can be better option for students who have a physical disability, because they can attend their classes from their own place, whatever is it.

Disadvantages

1. Inappropriate Connection with the Students The main aim is important to make virtual skills that are related to your student's job courses, activities, or daily job circumstances. Then, your students want to find the virtual environments you ran tough to create and organize if they are uninteresting or unrelated, and they will not participate with the virtual learning because, they are not interested into it. For example, if the lecture creates a boring plan for the students, they can easily find unengaged and start to feel unhappy with the virtual lesson which may lead them to not attending most of the classes eventually in the feature and decrease their connection with their lecture.
2. Not enough training on students In the Virtual lessons teachers and students are not self-confident with using the virtual learning tools. However, the teachers face to face tasks in obtaining and assuming the technology and most of them inform technical problems. Also, some teachers have difficulties preparing study material in the online environment. Altogether these and much more may involve further assistance to get up and move forward. This shows and explains why it may be crucial to have IT support conducting training here and there
3. Reduced questions and Engagement Online students will be able to access recorded virtual training lessons whatever and any time they want, but students are not always could ask their teachers in-the-moment questions and receive immediate answers to assist them better understanding the course content in front of them. Students must easily complete virtual lessons as they are created and must achieve each learning task without deviation. That disadvantage may lead the students having a reduced understanding of various material and subject that is covered in virtual training lessons.

4. **Increases Learners' Isolation** If there is not an active and engaging online forum inside virtual training environments where learners can ask one another or their trainers questions on a real-time and ongoing basis, they may start to feel isolated in their learning environment. This may cause some learners to disengage with what they are learning entirely and can lead to them having a limited understanding of the learning material they are encountering.

5. **Technical Issues** By their very nature, virtual learning environments and platforms are subject to technical issues, such as security, network, and bandwidth glitches. Make sure you are aware of the types of issues your virtual training platform is most likely to experience so that you can prevent them from happening or quickly correct them when they do happen. As you begin to implement your virtual training, consider the five possible disadvantages listed above so that you can better circumvent them.

Conclusions

The research has concluded that purpose of the research is to investigate the impact on uwtsd London student learning experience, the research has also concluded some weeks required to complete the entire tasks, and we discuss advantages and disadvantages.

Form the outcome it is determined that university offers student proper vle choice for the learning as well as vle should be new normal after lockdown as well as covid –19 pandemic, students are satisfied applying university vle and also university could formalise vle module strategy in policy documents

Questionnaire & responses

The image shows a Google Forms interface for a questionnaire. The form is titled "study on virtual learning and impact on" and has a subtitle "please fill up this as this my part of studies". The form is currently in the "Questions" tab, with "Responses" and "Settings" tabs also visible. The first question is "is it easy to use than teaching in class atmosphere", which is a multiple-choice question with options "Yes", "No", and "Maybe". There is also an "Add option or Add 'Other'" button. The second question is "are u currently using virtual learning platform", which is a multiple-choice question with options "Yes", "No", and "Maybe". The third question is "how u grade virtual learning platforms *", which is a multiple-choice question with options "1", "2", "3", "4", "5", and "6". The form is titled "Untitled form" and has a "Required" toggle switch set to "On".

Untitled form

Questions Responses Settings

study on virtual learning and impact on

please fill up this as this my part of studies

is it easy to use than teaching in class atmosphere

Multiple choice

Yes

No

Maybe

Add option or Add "Other"

Required

are u currently using virtual learning platform

Yes

No

Maybe

how u grade virtual learning platforms *

1 2 3 4 5 6

any suggestions to improve or any comments *

Short-answer text

if u want to recommend it to any one *

Short-answer text





Untitled form

Questions Responses Settings

3 responses



Accepting responses

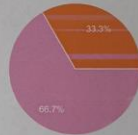
Summary

Question

Individual

is it easy to use than teaching in class atmosphere

3 responses



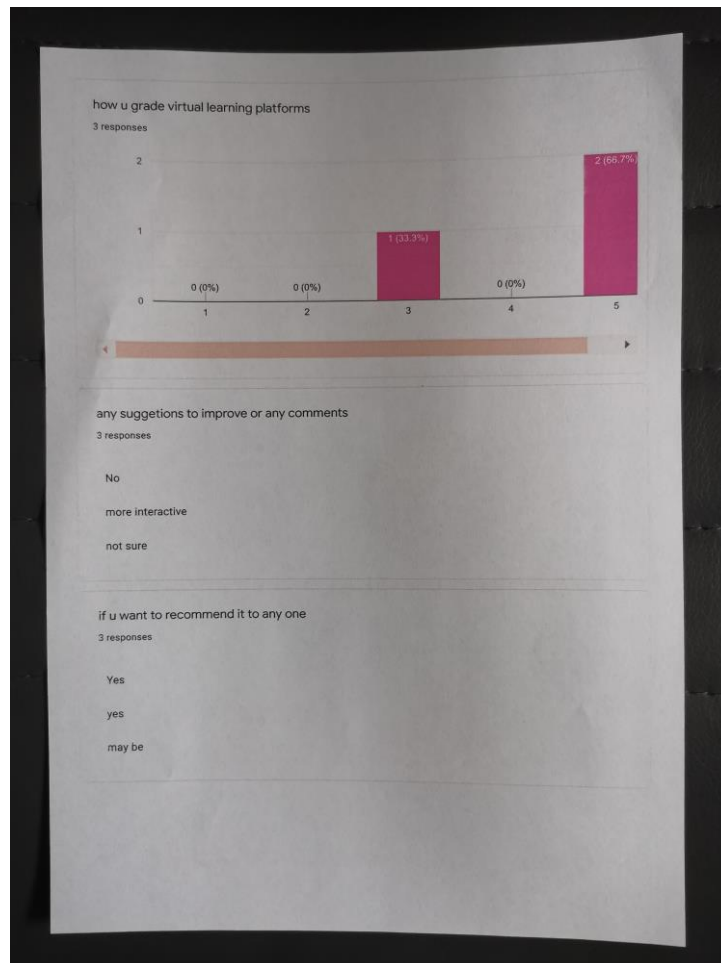
- Yes
- No
- Maybe

are u currently using virtual learning platform

3 responses



- Yes
- No
- Maybe



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