



Report on impact of virtual learning at London campus UTWSD

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Hanane Afailal Tribak

ID number: 2017977

Lecturer Alfred Mensah

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Introduction

The world has known many changes during this century as a result of the search for a better life without effort or time, so these changes came from the beginning of the industrial revolution, starting from the activation of science and hypotheses to techniques and tangible things to serve humanity, and this is called technology, as it is the main engine of what scientists produce, It includes a group of branches such as digital technology, which is more used and known widely among people, and it is a group of digital technologies, including computers and the internet, as a result of the advancements in modern digital technology.

The use of virtual learning has greatly affected to students at UWTSD London campus, as it works to give the student complete independence in imagination, communication and interaction with society.it also develops him mentally in a way that confirms the acquisition of creative thinking skills and makes him able to understand and absorb thinking strategies (Erin Sprague, 2020). So that he can access information by himself, he can interact with different educational situations in term of planning, follow up, guidance, and develops his ambition to learn which requires possession of the skill of self-organisation to learn. (funtech, 2021)

I will address in this report:

- The literature of hypothetical learning
- Research methodology
- The questions and answers of virtual learning (primary data)
- The secondary data
- The primary data graph of impact of virtual learning
- Result
- Recommendation
- Reference list
- Appendix

literature

The virtual learning is a way to communicate and obtain information through online web site that allows teachers and learners to share educational material and communication with learners, and it plays the role of an assistant in the educational process, the VLE provides a set of advanced educational tools can provide an addition value to education and helps the student to obtain information and data through the internet with sound and video.(Michael Van Beek,2011), it used in this direction as a method or strategy that the students use it during their learning.

With the development that knows the world, virtual learning has become very important to students at UWTSD, due to its features including provides flexibility in setting study time

and a solution to counting education for students in remote areas also it helps to reduce time and costs, the possibility of studying at any time (Victoria Puzhevich,2020) provides the ability to browse books through electronic library.

furthermore, the virtual learning creates a larger job opportunity by allowing training programs in institutions that declare their needs in different specialization. (future learn,2019)

But despite all these advantages, there still some drawbacks among them the provision of high-quality infrastructure in terms of speed of communication, provide new materials and also need to train teachers and increase their efficiency in using these technologies.

Method of carrying out virtual learning

Before starting the questionnaire procedures first I chose the appropriate questions relative to the topic of the impact of virtual learning on students at UTWSD and then I sent it to my tutor for examination before starting to send it to the students in order to answer it, it took about two weeks until I received all the answers from the students and through which I was able to analyse the given data and thus knowledge about how effective the virtual learning on the students of UTWSD.

The research used quantitative method and conducted in the form of 10 electronic questions (appendix) about the impact of virtual learning on students experience at UWTSD London campus, which analyses based on the Excel program, the questionnaires were asked to all student's DSR class at the UWTSD who were invited to participate via internet, I sent e mails with the questionnaires to all students who are relative to take part of this study to answer the questionnaire, due to the limit time and numbers of students involved, the sample size was 10 students from the DSR class and the data was obtained to prepare a minimum representative sample in the impact of virtual learning at the university.

The questions and answers of virtual learning (primary data)

These tables represent all the questions related to virtual learning impact and also contain the answers taken from the students who participated in this questionnaire.

Questions/Answers	yes	No	laptop	Tablet	Chromebook	smart phone
Do you prefer learning online	6	4				
Do you have the right environment for remote learning	5	5				
What device do you use for learning online			7	1	0	2

Questions/ answers	3 to 4 hours	more than 4 hours	Extremely helpful	very helpful	Slightly helpful	strongly effective	very effective	very effective
How long do you spend in remote learning daily?	8	2						
How helpful is the distance learning			1	3	6			
Does online learning affect student's attendance						4	5	1

Questions/ Answers	strongly effective	very effective	slightly effective	highly important	Very important	Not important	very stressful	Slightly stressful	agree	Not agree
How effective is distance education compared to regular education	4	5	1							
How important is the role of technology in remote learning?				3	6	1				
Do you find remote learning stressful							7	3		
Do you agree that live lessons are not always best									2	8

(The figures in the tables are represented the numbers of respondents), source: the author

The tables show the results obtained through the questionnaire, I found that the number of those who preferred to study in virtual learning was 60% and 40% would not have preferred

virtual learning. second question related to learning tools the majority of students are using laptop 70%

As well as the numbers of hours that students spend in studying online most of the answers were between 3 to 4 hours per day by 80% and just 20% of students spend more than 4 hours.

The question related to the helpful of distance learning the answers were varied the highest rate was 60%.the question related to the effect of virtual learning on attendance, the results were that 40% said that it strongly affective,40 %said it very affective, and 1%said that slightly affective.

The question related to the importance of technology in virtual learning, the results were that 30%said it was highly important, 60% said it was very important, and 1%said it was not important.

The question related to the stressful aspect was 70% said the virtual learning very stressful, and 30% said that it was slightly stressful.

for the last question was about if students are agreeing that the live sessions are not always best, the answers were 20% said they agree, and 60%said they do not agree.

The secondary data

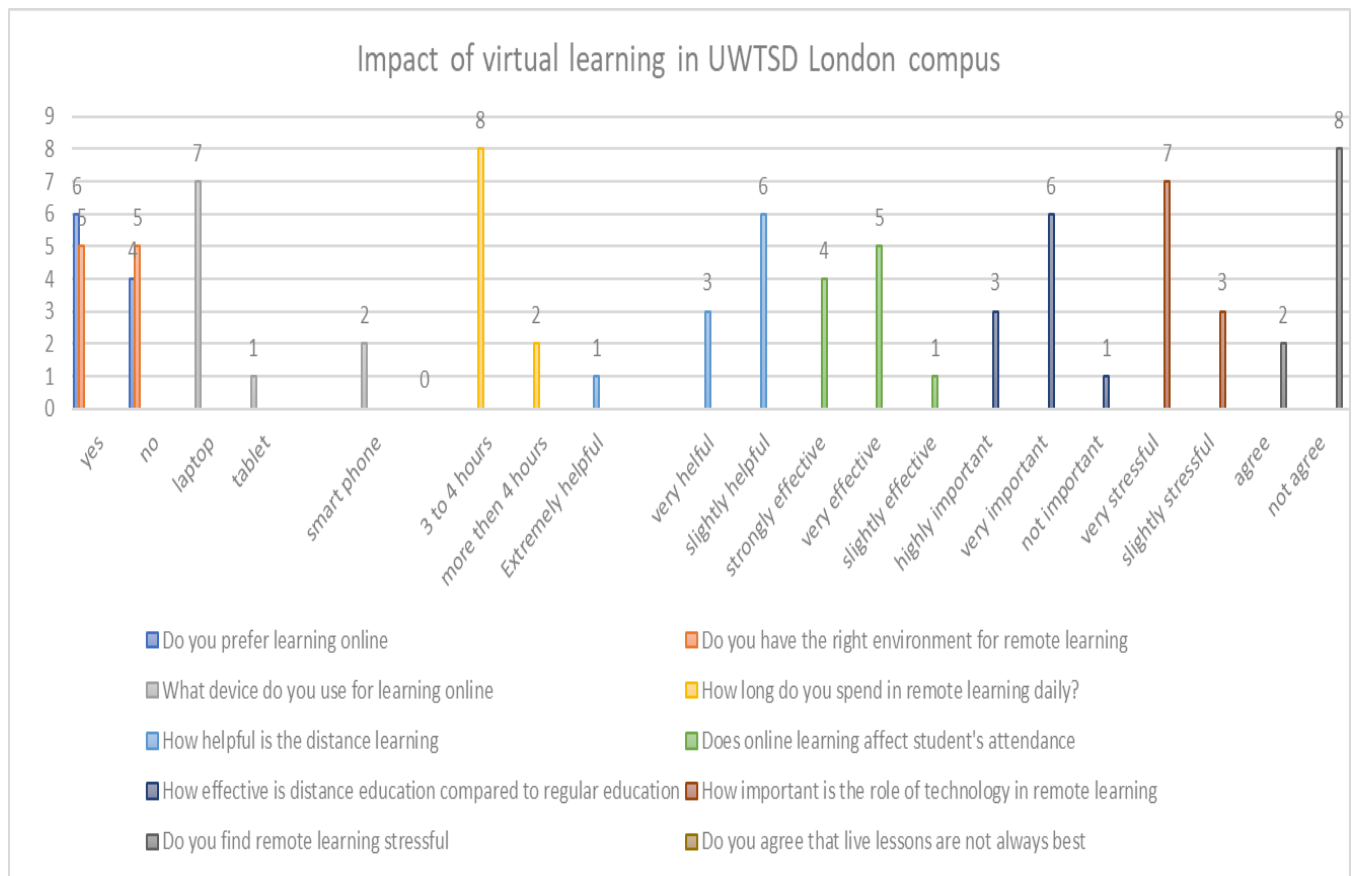
I have used this data as a secondary data due to the relativity to my research about the impact of virtual learning.

Table 1. To what extent do you agree or disagree with the following statements that use of SFC Moodle has a positive impact on your achievement? (Question 8).

	Strongly Disagree	Disagree	Neither agree or disagree	Agree	Strongly Agree	Mean Score
8a. Moodle has a positive impact on my effectiveness as a student.	(13) 5.2%	(22) 8.9	(71) 28.6%	(123) 49.6 %	(19) 7.7%	3.46
b. Moodle is an important and valuable aid to me in my studies.	(16) 6.5%	(16) 6.5%	(71) 28.6%	(120) 48.4 %	(25) 10.1%	3.49
c. I learn more with Moodle than without it.	(18) 7.3%	(34) 13.7%	(72) 29.0%	(107) 43.1 %	(17) 6.9%	3.29
d. Moodle improves the quality of my learning.	(13) 5.2%	(26) 10.5%	(88) 35.5%	(109) 44.0	(12) 4.8%	3.33
Total Respondents as Percentage of response count	6%	10%	31%	46%	7%	

Source: Baker and Gossman (2013)

The primary data figure of impact of virtual learning



Source: the author

According to the response of Jenny and Peter (2013) study, this graph represented the result of impact virtual learning it can be seen from tables (primary data) and figure that the virtual learning is effective 6 students mentioned that very effective and 4 students mentioned it slightly effective also many of students found virtual learning important 6 students mentioned to the importance of technology in virtual learning only 1 student did not find it important, and about the live session 6 students were agree and 2 students did not agree.

Results

Based on the questionnaire and the results obtained from my research, it is becoming clear to us that students find Virtual learning and Moodle important due to it can provides to them opportunities to improve their learning in London campus at UWTSD to focus in the educational process only on the academic content without looking into any other aspects, also acquire new skills and thus benefit more from technology to contribute to the quality and effectiveness of education. The virtual learning motivates students to acquire the greatest possible educational attainment and help them to rely on themselves completely, by interacting with computers to start attending the lecture and searching for information on the internet.

In contrast to the advantages of the virtual learning to what gives in terms of use at the academic level, there is no doubt that this subject also bears the negatives things that may face students during their learning.

Recommendation

Through my experience in this research, I noticed that the subject of virtual learning is a broad field that can not be covered nor studied from one angle, but must include all angles, so due to lack of time, as well as our commitment to what is decided in the completion of the work, I see from results of my study of the topic of VEL that for future studies:

- 1- It can be recommended from the findings that future study can look at benefits of blended learning for UWTSD, London Campus
- 2- Primary data must be collected on future studies from teaching tools about their views on Virtual learning and Moodle in learning at UWTSD.

Reference list

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Appendix

Question 1:

Do you prefer learning online?

Yes

No

Question 2:

Do you have the right environment for remote learning?

Yes

No

Question 3:

What device do you use for learning online?

Laptop

Chromebook

Tablet

Smart phone

Question 4:

How long do you spend in remote learning daily?

1-2 hours 3-4 hours more than 4 hours

Question 5: How helpful is the distance learning?

a) Extremely helpful

b) very helpful

c) slightly helpful

d) not at all helpful

Question 6:

Does online learning affect student's attendance?

Yes

No

Question 7:

How effective is distance education compared to regular education?

- a) strongly effective
- b) very effective
- c) slightly effective
- d) not at all effective

Question 8:

How important is the role of technology in remote learning?

- a) highly important
- b) very important
- c) not important
- d) none of above

Question 9:

Do you find remote learning stressful?

- a) very stressful
- b) slightly stressful
- c) not at all stressful

Question 10:

Do you agree that live lessons are not always best?

- a) agree
- b) disagree
- c) none of above

