



UNIVERSITY OF WALES TRINITY

SAINT DAVID

LONDON CAMPUS

THE LEARNING EXPERIENCE AT WALES TRINITY UWTSD LONDON CAMPUS.IMPACT OF VIRTUAL LEARNING ENVIRONMENT (VLE) ON THE STUDENTS

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ABSTRACT

QUESTIONNAIRE

Question 1 Do you agree that virtual learning has made more impact than the classroom Lectures YES NO	12 4
Question 2 Virtual learning is the Best and Most used system of education Strongly agree Agree Neither agrees nor disagrees Disagree Strongly disagree	10 4 2
Question 3: How likely are you to recommend virtual learning to your friends in other universities? Likely Very likely Unlikely Very unlikely	3 12
Question 4: Most students find it difficult logging on to the class therefore find virtual learning as a waste of time. All the time Most of the time Some of the time Almost never Never	2 14
Question 5: Majority of the Students Prefer Face to face learning. Strongly Disagree Somewhat Agree Neither Agree Or Disagree Strongly Agree	6 4 6
Question 6: How much effort have you committed to improve your learning experience? Much more than expected Somewhat more than expected As much as experienced Somewhat less than expected Much less than expected	9 6
Question 7: How satisfied are you with the virtual learning classes. Very satisfied Somewhat satisfied Neutral Dissatisfied Highly Dissatisfied	14 2
Question 8: Why do the laptops phones and device s cause so much distraction in class?	
Question 9: All methods of learning takes the same amount of time and requires 75% attendance. Discuss	
Question 10: Virtual learning is more of self -learning and requires a lot of research. Discuss	

INTRODUCTION

This report writing is about the impact of virtual learning environment (VLE) on the students learning experience at UWTSD London campus.

Virtual learning environment is a set of teaching and learning tools which is designed to facilitate digital Learning for the purpose of enhancing the students learning experience through a module platform by the use of computers, mobile phones, tablets and internet in the leaning process.

Margaret Rouse (March 2011)

This report is prepared with both the primary data and secondary data first a questionnaire was prepared, which is based on the impact of the Virtual Learning Experience of the Students at UWTSD London Campus.

This is communicated through the Moodle using an online survey through the university email, the Students WhatsApp group page, Microsoft Teams and Text messages to get the responses from my classmates. After that I was able to count the feedbacks and prepare an Excel Table and then express the total responses in graphs.

RATIONALE

The main purpose of this research is to find out about how the students evaluate their experiences Using virtual learning environment, with Moodle in UWTSD London campus, to ascertain if there is a need for the improvement of the Moodle.

To know if the students are satisfied with the use of the Moodle and also to know if the students feels more comfortable with the face to face classroom learning style and If the use of VLE has helped in motivating the student to learn more.

RESEARCH OBJECTIVES

The objective of this research is to improve students learning experience with the use VLE while Using the (Moodle) at UWTSD.

To know the benefits of VLE to the students and also to know the disadvantages of the (Moodle) to the students of UWTSD.

To enhance / improve the quality of learning and teaching standards on educating the students of UWTSD.

To find out if the virtual learning environment has made positive impact, changes and progress to UWTSD.

LITERATURE REVIEW

The related literature review describes the background of the study, the development of virtual learning environment to support the students learning experience, by first describing what the research is about, then how the research was carried out and the findings that was achieved. This survey will investigate students' responses on the impact of the UWTSD Moodle on the students learning experience and this is based on three research questions. To know if the use of VLE in teaching and learning helps the Students to learn independently. whether the use of VLE has made a positive impact in motivating the students learning ability and to know whether the students prefer VLE to classroom teaching and learning.

According to J. BARKER, 2013. On the Article Topic The learning impact of the virtual learning environment, this study provides a snapshot of students view about the use of virtual learning environment and its impact on their learning using survey, findings and related literature reviews.

AF. AGUDO PEREGRINA. On computers in 2012. Predicting academic Performance with analytics in virtual learning environment. This researchers work is focused on how the dynamic data is generated by the interactions which takes place in virtual learning environment, It's based on learning outcomes, academic performance and student's success. How the Students present their different extant interaction topologies in e-learning and analyse their relation of the components with students' Academic Performance.

(ALBERTO RIVAS. Neurocomputing 2020. Artificial neural network analysis of the Academic Performance of students in virtual learning environment. These researchers aim to have the best possible teaching staff to increase the quality of teaching and the Academic Performance of the students, they tend to monitor the activities of the teaching staff and interactions between the students and teachers. They were able to prove that online environment makes it possible to access the factors that cause the students' Academic Performance to increase or decrease. Most of these researchers, their research work was based on different topics relating to virtual learning environment which they conducted using questionnaire and tables to explain their results and outcome. Some of them researched about the learning impact of the virtual learning environment, the effects of the virtual learning environment to student statistically the significant findings shows that the use of the Moodle has helped the students to improve on independent learning, self-motivation and personal development.

IF it is accepted that there is a need to incorporate new technologies into classroom, with virtual learning or otherwise then it is critical to consider their impact on the teaching and learning environment from the student's perspectives. He then concludes that the quality and effectiveness of VLE is similar if it's not higher than traditional face to face learning system. (Love and fry, 2006)

The impact of using VLE on the Moodle, the study helps to develop independent learning, the positive impact on the students, the finding will be a broad interest to the teachers as they indicates the areas of attention in promoting VLE use to enhance learning. (Barker and Gossman 2013)

Another research surveyed online management course for students by using the web CT in an Australian university to study about the critical source factors in VLE.

The study was able to identify three factors which is the technology, instructor and the student's previous experience of technology, as being critical to the success of VLE. Although all these researchers talked about the VLE but their entire topic was in different dimension like the strength, the weakness and the success factors etc.

But my own research topic is about the impact of the VLE to the learning experience of the students of the UWTSD.

The only relationship is that all of our research work involves the use of survey, Analysis of results the quality and effectiveness of VLE on student.

METHODOLOGY

Research Methodology, the definition of research includes gathering of data, information and facts for knowledge advancement.

(Martyn shuttlewort 2008)

TYPES OF RESEARCH

Qualitative Research: This answers questions about why and how people behave, the way they do.

Qualitative analysis the results, qualitative data are more general.

Quantitative Research: This has to do with the production of numerical data and are analysed using Mathematical and statistical methods. (Aliaga and Gunderson 2005)

Mixed method: Is a combination of Qualitative and Quantitative.

This research used both qualitative and quantitative research as qualitative research involves obtaining data information on UWTSD Students who participated in the survey.

And the quantitative research was used to count the students that responded to the questionnaire and put the responses in graphs and pie chart.

POPULATION SAMPLE AND SAMPLE SIZE

Population refers to the entire group of people institutions with common characteristics that are interested in the research.

SAMPLE

Sampling is a process used in statistical analysis in which a predetermined number of observations are taken from a large population. (Alicia Tuovila 2020)

SAMPLE SIZE is the number of participants in a study

POPULATION in my research was all the 3,000 students of UWTSD London campus sample was 2,500 students and my sample size was 16 students

DATA AND DATA COLLECTION PROCESS

DATA is any information that has been collected, observed, examined considered for decision making. (Cambridge 2020)

TWO TYPES OF DATA USED

Primary data: Is a record made by those who saw or participated in an event, this type of data is originated by the researcher who witness the event such as questionnaire, survey and personal findings.

Secondary data: This is an event written by someone else, it is second hand information, such as Websites, articles, books, journal etc.

Data collection process: During this research for secondary data, I used different sources, example, eBook's, Journals, websites links and online information's.

For the primary data, I conducted a survey using questionnaire and I received responses from all my classmates in the university of Wales Trinity Saint's David London campus.

The responses I prepare in a excel table for account and analysis of this report and due to the Covid 19 pandemic only a few students were contacted through the use of online facilities like emails, What Sapp, Text messages and Teams group page.

Ethics in Data collection

In this research I was honest, during data collection time I did not alter or manipulate or influence the result by setting a bias population.

I obtained permission from all the people involved in my research and I also informed them about data collection and GDPR.

I spoke to them about their privacy and confidentiality of sophisticated information.

All the researchers gave their consent and I received an approval from all the participants and the institution.

I assured them that the data protection Act will be followed and all the information I received will not be passed to third party except for the purpose of this research.

FINDINGS, Analysis and Discussions

This section will show all responses through charts as visual representation of data.

Question 1

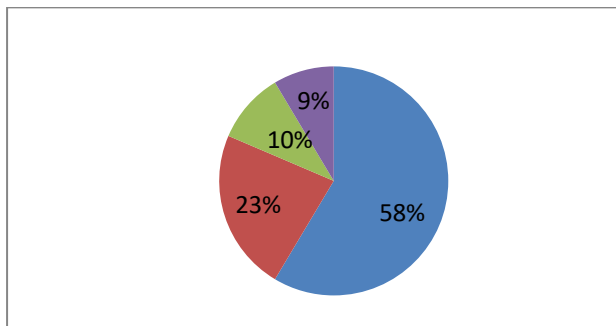
Do you agree that virtual learning has made more impact than the classroom lectures?

yes	12
NO	4

Analysis

I found that 75% of the population said yes and 25% said No which means that more of the population are aware of the impact of VLE.

Table 1



I found that 58% of the population strongly agree that VLE is the most commonly used system of education and will recommend it to their friends in other Universities 23% of the population prefers classroom lectures, 10% of the students find it difficult and 9% neither agree or disagree that VLE has made more impact in the students learning experience than the face to face classroom lectures.

Strongly agree

Agree

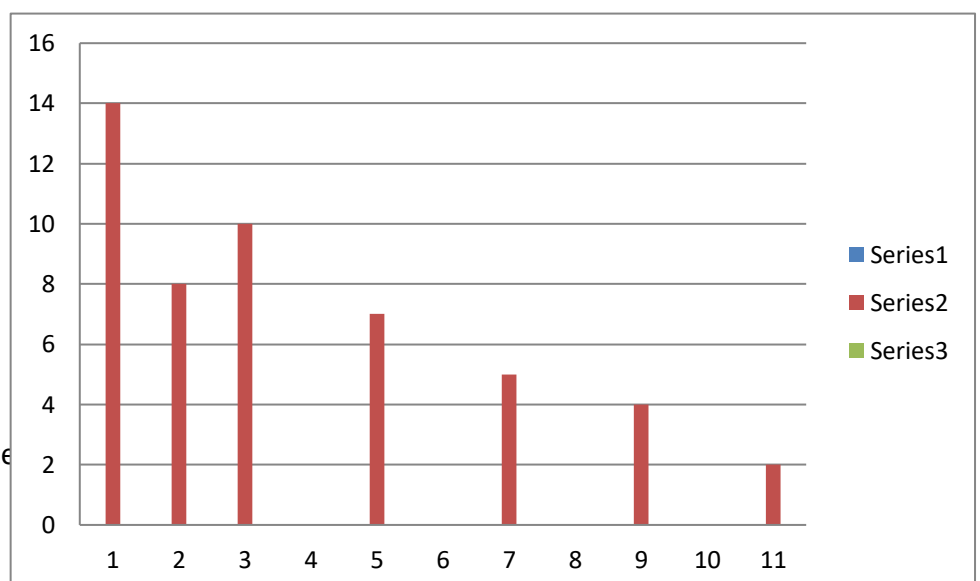
Very likely

Much more than expected

Never

Somewhat less than expected

Disagree



CONCLUSION

During my research I find out that most of the students prefer virtual learning environment to classroom Lecture because of it numerous potentials, benefits and convenience

However, VLE also have some problems such as; the technical challenges and there is lack of relationship between the teacher and their students. In my opinion virtual learning is more comfortable than normal classroom lectures and it also offers learning opportunities for international students.

RECOMMENDATION

Based on the successful impact of VLE on the students learning experience, I advised that order Universities and institution should adopt the use of the VLE platforms as a means of educating their students,

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