

2021

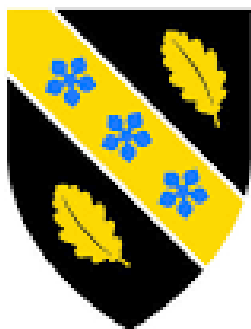
**Digital Skills and Research Methods BMSW 4003 Student
BMSW 4003**

DSR ASSESSMENT

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1.0 Introduction

In this introduction, I will report the impact of Virtual Learning Environment (VLE) – Moodle on students' learning experience at the University of Wales Trinity Saint David London Campus.

I am required to collect and analyse primary and secondary data as part of the research in class. I will develop a questionnaire on the topic above, which should be operationalized as a primary data collection tool. I will need to use this questionnaire to do a survey. Due to the current pandemic situation, I have been advised to conduct an online survey rather than a face-to-face survey. This is to ensure my safety and well-being. Afterwards, I will have to present the results of the research in an Excel table, and generate graphs for each question and answer collected.

Furthermore, the research from published material, on the topic "The impact of the Virtual Learning Environment (VLE)" will be used as a secondary data collection tool and impact of COVID-19 in your workplace.

Finally, I will make a conclusion from my analysis and will also provide citations and references in the text according to the Harvard referencing style.

2.0 Rationale of this Study

Why am I doing this research? Why is this research important?

2.1 Why am I doing this research?

The purpose of this survey is to collect information regarding the impact of a virtual learning environment. Requested by the Digital Skills and Research Methods module at London Campus of the University of Wales Trinity Saint David.

After this survey this survey will help me to know in the questions asked to colleague about the virtual learning environment in each question asked what the percentages are, it allows in conclusion to know the real situation of VLE.

the university will be able to see all the results about the virtual learning environment. After this research it will help the university to know what needs to be improved.

2.2 Why is this research important?

It is important for the future reference to the approach university considering entry level of new students such as our group.

This research is helpful for new students, it allows the students get know the university platform better, so when all come back to the campus, they already have a lot of knowledge.

3.0 Positive Impact of VLE

“Allows students to benefit from self-paced learning and the opportunity to learn new skills without having to travel or arrange childcare while they attend courses.” 22 May 2012.

Virtual learning has a great advantage for students and teachers it allows them to learn new skills, and purchase videos and audio that can be reviewed at any time.

the positive impact of (VLE) allows to reduce costs related to travel, food and saves money when purchasing school supplies.

This learning method also allows greater flexibility for student workers to manage their time between working and Studing.

Negative Impact of VLE

“A virtual learning environment might not be the most effective way to teach someone to build or use a complicated piece of machinery. It also doesn't offer that human-to-human contact, which may limit your opportunities for team-building and role-playing activities, brainstorming, or discussion.”

26 Apr 2019.

This means students are limited in a few ways. For example, face-to-face contact with colleagues and teachers is kept to a minimum, which could mean missing out valuable information available in a normal environment.

Occasionally a student may have an issue with their laptop, or a software used for learning. These issues will now have to be solved by the individual as there is no support readily available to assist them which may hinder the progress. A busy working space due to family or roommate may also become a problem as constant interruption may break concentration. Poor connections are also an issues student may have to deal with on a regular basis which again could cause problems.

4.0 Research Methodology

In this report I use Survey Monkey Software free package available online to collect my data information.

The Questionnaire was sent to all my colleagues in a WhatsApp group chat and by email they provided me answers to all the questions in the survey.

My **sample size** is the total number of students participating in my survey which is **16 of my responses**, and my data was analysed by creating tables showing the result obtained in the research then I presented the results in the graph format in excel.

5.0 Analysis

To analysed and discuss my collected data from survey and through data table, charts, graphs (primary data). My collected data from survey, analysis, and discussions).

Total number of the students =22.

My total sample size= 16

1- The virtual learning environment is more productive than the traditional.

I have 16 students participating.

Answered= 16

skipped= 0

Truly agree I have 5 students which correspond to 31.25%

Agree I have 7 students which correspond to 43.75%

Truly disagree I have 0 witches correspond to 0%

disagree I have 4 students which correspond to 25%

2- Online learning is more useful due to the current situation (Covid-19)

Answered=16

Skipped= 1

Truly agree I have 6 students which correspond to 40%

Agree I have 8 students which correspond to 53.33%

Truly disagree I have 0 witches correspond to 0%

disagree I have 1 student which correspond to 6.67%

3-The VLE (Virtual Learning Environment) is difficult to pay attention with kids at home.

Answered=16

Skipped= 0

Truly agree I have 3 students which correspond to 18.75%

Agree I have 12 students which correspond to 75%

Truly disagree I have 0 witches correspond to 0%

disagree I have 1 student which correspond to 6.67%

4-The virtual learning environment is difficult to pay attention with at home.

Answered=16

Skipped= 0

Truly agree I have 2 students which correspond to 12.5%

Agree I have 8 students which correspond to 50%

Truly disagree I have 3 witches correspond to 18.75%

disagree I have 3 student which correspond to 18.75%

5- It easy to communicate through the virtual learning environment

Answered=16

Skipped= 0

Truly agree I have 3 students which correspond to 18.75%

Agree I have 8 students which correspond to 50%

Truly disagree I have 0 witches correspond to 0%

disagree I have 5 student which correspond to 31.25%

6- Online learning can affect mental health.

Answered=16

Skipped= 0

Truly agree I have 1 student which correspond to 6.25%

Agree I have 6 students which correspond to 37.5%

Truly disagree I have 3 witches correspond to 18.75%

disagree I have 6 student which correspond to 37.5%

7- Easy to find an assignment.

Answered=16

Skipped= 0

Truly agree I have 3 student which correspond to 18.75%

Agree I have 8 students which correspond to 50%

Truly disagree I have 1 which correspond to 6.25%

disagree I have 4 student which correspond to 25%

8-Always easy to get into Microsoft Team's to attend classes

Answered=16

Skipped= 1

Truly agree I have 2 student which correspond to 13.33%

Agree I have 9 students which correspond to 60%

Truly disagree I have 1 which correspond to 6.67%

disagree I have 3 student which correspond to 20%

9- Due to the current situation of the (Covid-19) pandemic I feel comfortable taking online classes.

Answered=16

Skipped= 0

Truly agree I have 7 student which correspond to 43.75%

Agree I have 7 students which correspond to 43.75%

Truly disagree I have 2 which correspond to 12.5%

disagree I have 0 student which correspond to 0%

10- Teachers have the patience to teach us the modern technology.

Answered=16

Skipped= 0

Truly agree I have 5 student which correspond to 31.25%

Agree I have 8 students which correspond to 50%

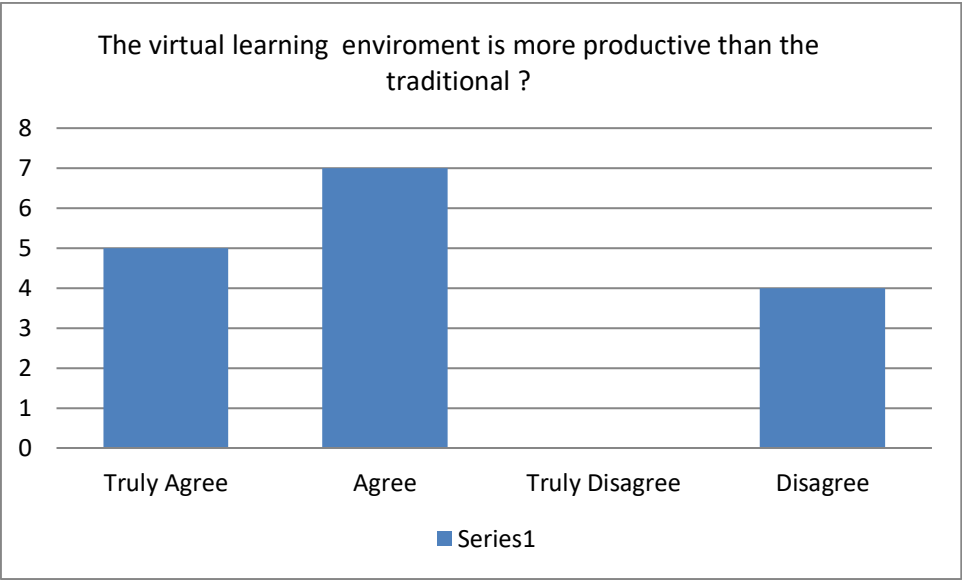
Truly disagree I have 0 which correspond to 0%

disagree I have 3 student which correspond to 18.75%

6.0 Discussions

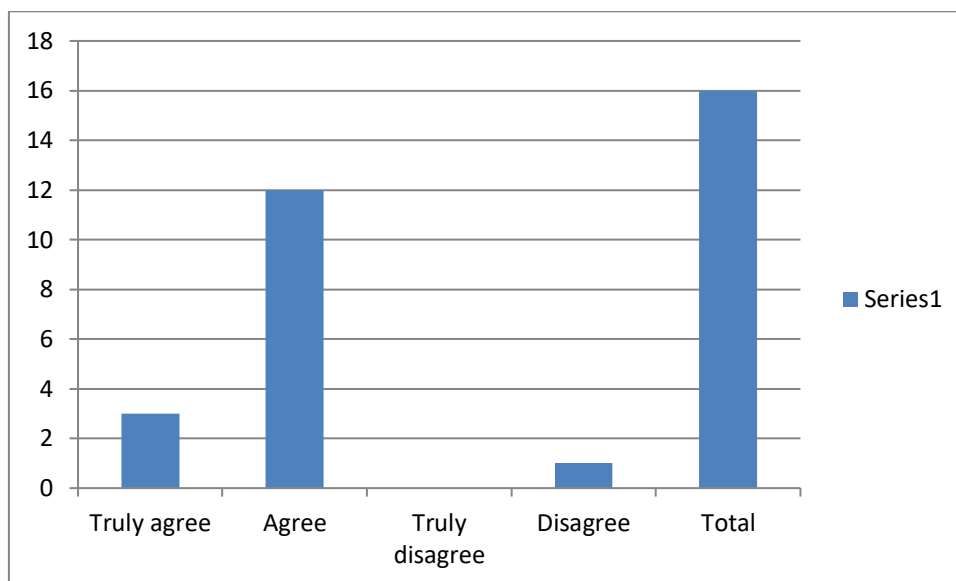
6.1 The virtual learning environment is more productive than traditional.

Truly Agree	Agree	Truly disagree	Disagree
5	7	0	4
31%	44%	0%	25%



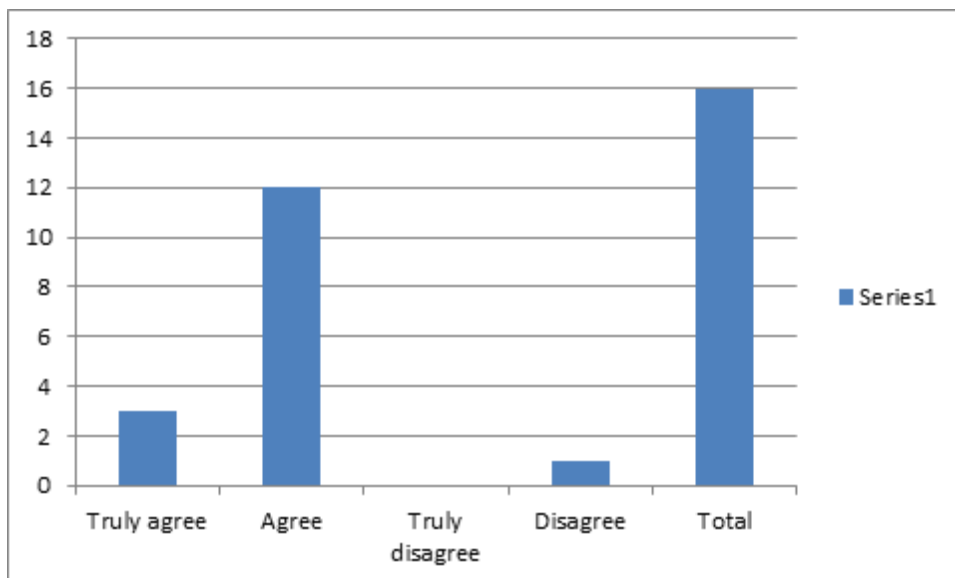
6.2 Online learning is more useful due to the current situation (Covid-19)

Truly Agree	Agree	Truly disagree	Disagree
6	8	0	1
40%	53%	0%	7%



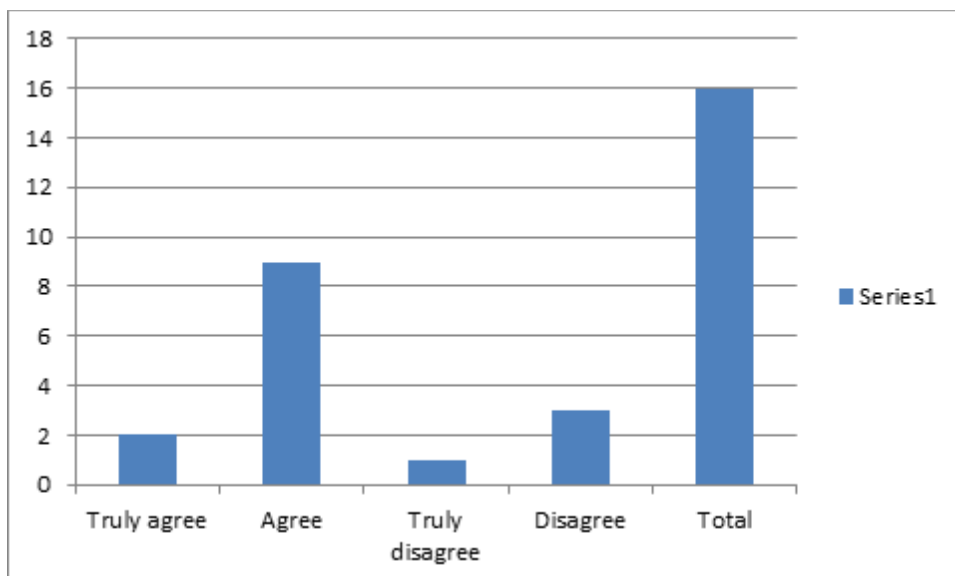
6.3 The VLE (Virtual Learning Environment) is difficult to pay attention with kids at home.

Truly Agree	Agree	Truly disagree	Disagree
6	8	0	1
40%	53%	0%	7%



6.4 The VLE (Virtual Learning Environment) can be difficult for new student.

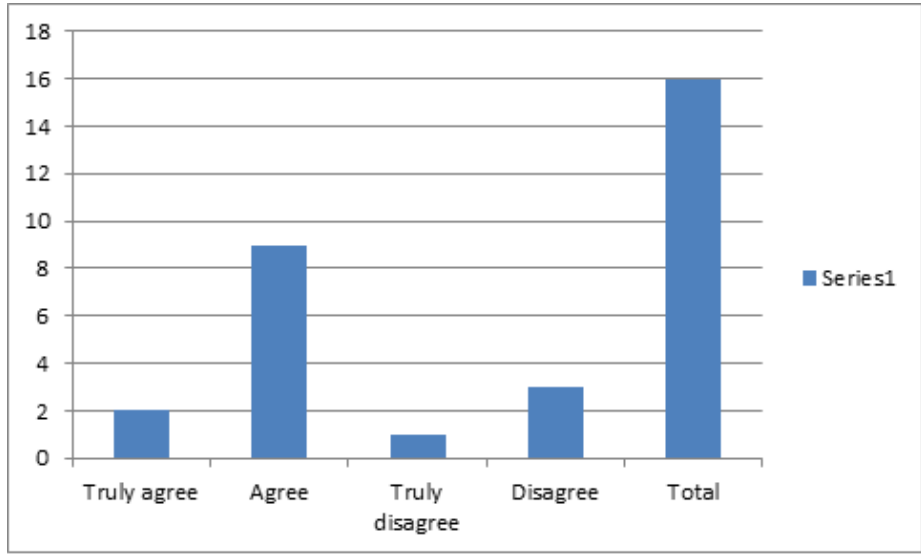
Truly Agree	Agree	Truly disagree	Disagree
2	8	3	3
13%	50%	19%	19%



6.5 It easy to communicate through the VLE (Virtual Learning Environment)

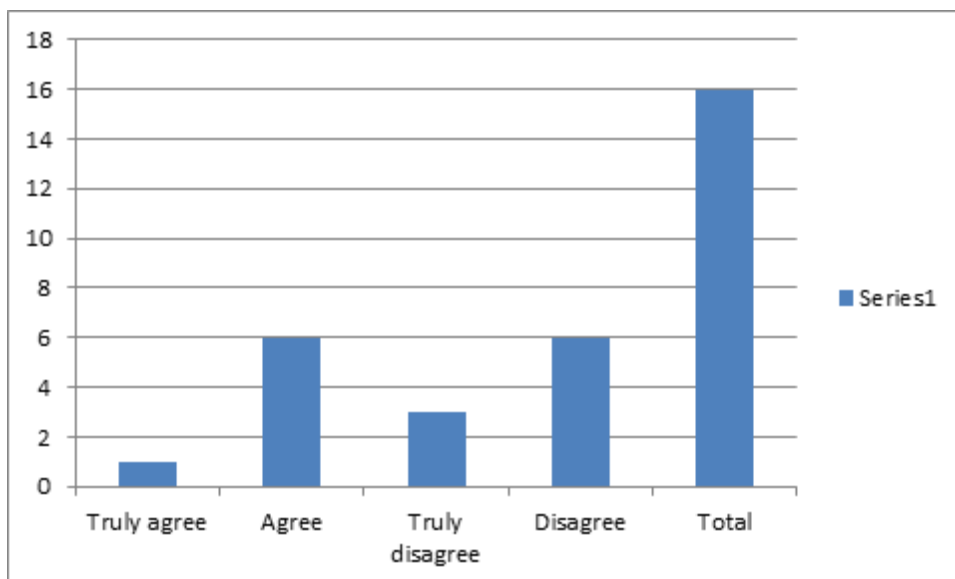
Truly Agree	Agree	Truly disagree	Disagree
3	8	0	5

19%	50%	0%	31%
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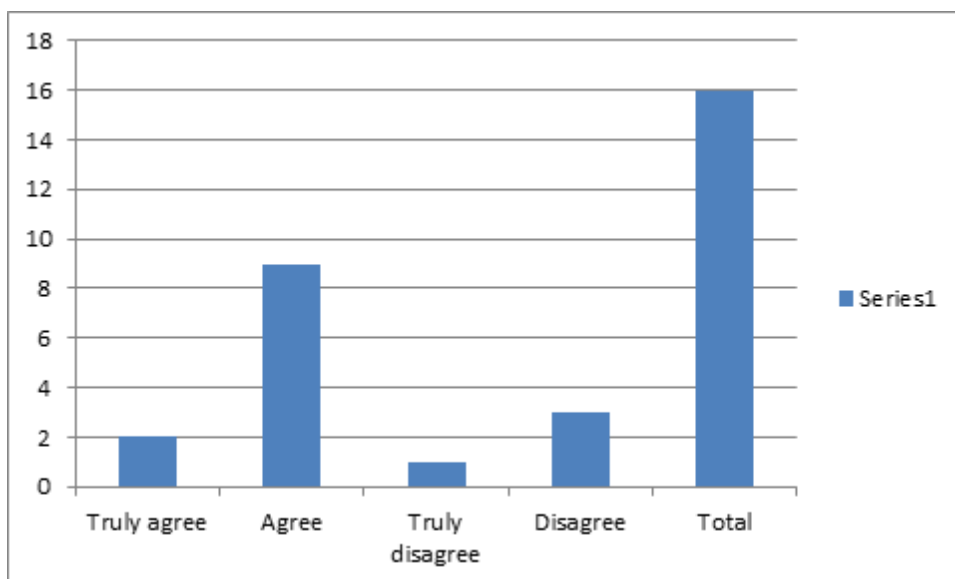
6.6 Online learning can affect mental health.

Truly Agree	Agree	Truly disagree	Disagree
1	6	3	6
6%	38%	19%	38%



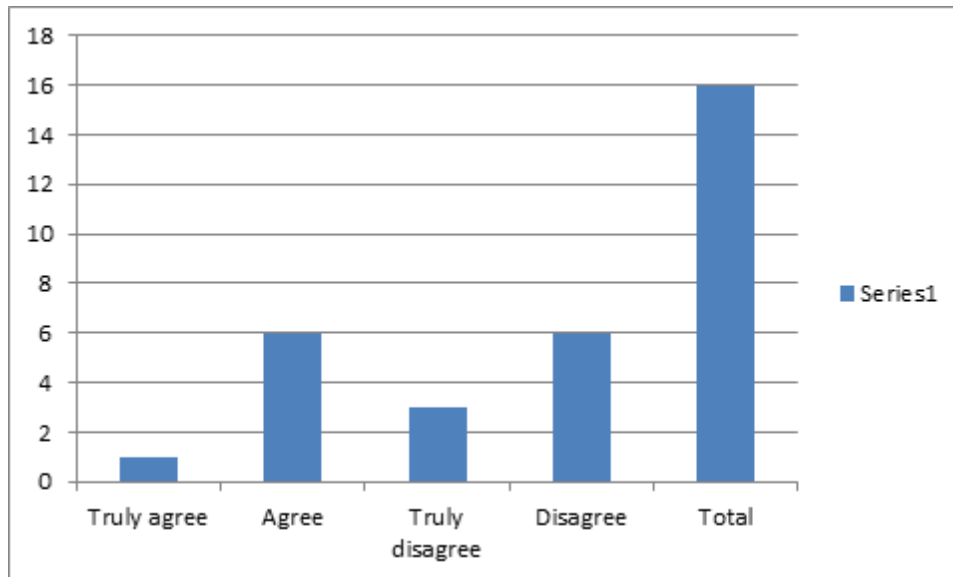
6.7 Easy to find an assignment.

Truly Agree	Agree	Truly disagree	Disagree
3	8	1	4
19%	50%	6%	25%



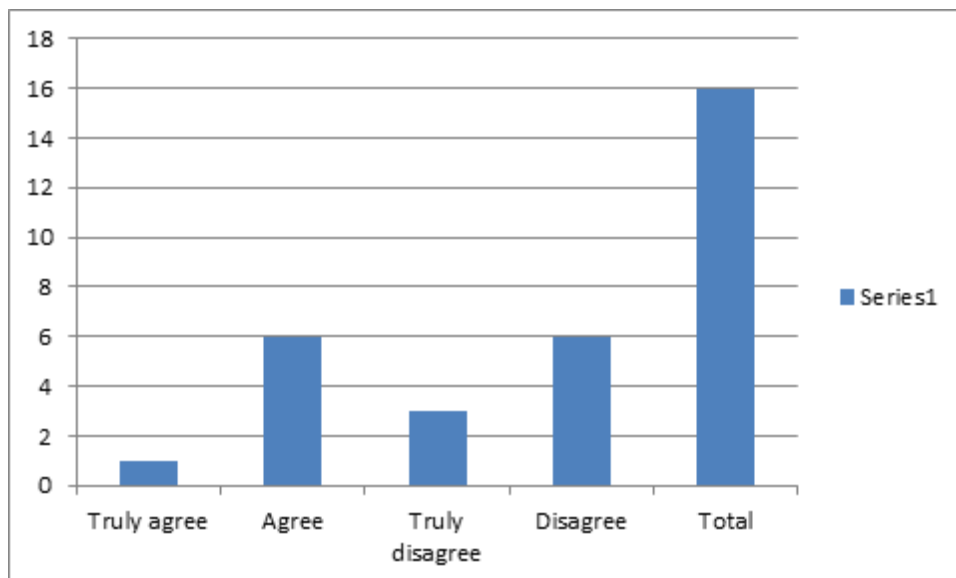
6.8 Always easy to get into Microsoft teams to attend classes.

Truly Agree	Agree	Truly disagree	Disagree
3	9	1	3
19%	56%	6%	19%



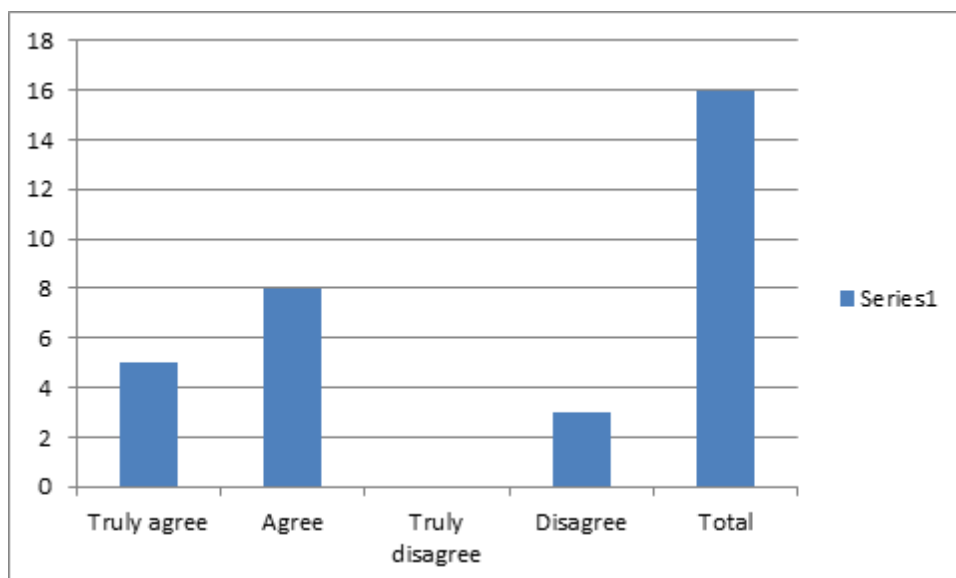
6.9 Due to the current situation of the covid-19 pandemic I feel comfortable taking online classes.

Truly Agree	Agree	Truly disagree	Disagree
7	7	2	0
44%	44%	13%	0%



6.10 Teachers have the patience to teach us the modern technology.

Truly Agree	Agree	Truly disagree	Disagree
5	8	0	3
31%	50%	0%	19%



7.0 Research Ethics/Ethical Consideration (what did you considering collecting data)

To collecting data first I need to plan the information that I want to collect and who I am going to use to collect the data. For example, the age, Female. Male etc. then draw up plans for how to collect the data, for short, medium, or long term.

How did I ensure anonymity?

I guarantee the total privacy of the participants in my survey monkey via an anonymous and confidential password answers are kept private.

Limitations:

In this module, I had some difficulty with the university platform. Sometimes in the middle of the class I had poor network connection, difficulties to use the library and Microsoft teams.

I was limited in data collection for my research.

As I could not find colleagues due to this situation of covid-19, I was recommended to do an online search for the safety and protection of other people avoiding the spread.

It was interesting and a lot of fun in the data collection process and exchanging messages with colleagues. It was a new experience for me, I will use the new skills I learned in this first year of study so that in the second it is easier.

8.0 Conclusion & Recommendation

Surveys can be conducted for many reasons such as marketing, business, and government authority to help them make decisions under difficult circumstances.

In my survey conducted for academic purpose relating to virtual learning environment (impact of covid-19), bring me to a conclusion that 50% of the students choose agree out of the 10 questions asked.

I have improved a lot in terms of interacting with Microsoft office (WORD and EXCEL) immensely powerful tools which will facilitate my learning in the future.

I learned to manage data statistics from my results to analyse and result.

This survey was a challenge allowing to identify according to the result obtained in the research on online learning and the exercise done in the class on the impact of (COVID19) at work.

In terms of recommendations, I suggest a combination of learning processes. For example, virtual learning and face-to-face learning. These two systems together will help new students to have more ability to find all the necessary materials on the university platform and face-to-face contact with colleagues and teachers.

9.0 List of References

1-SAGE Journals. 2021. Online Survey Tools: Ethical and Methodological Concerns of Human Research Ethics Committees - Elizabeth A. Buchanan, Erin E. Hvizdak, 2009. [online] Available at: <<https://journals.sagepub.com/doi/abs/10.1525/jer.2009.4.2.37>> [Accessed 3 May 2021].

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10.0 Appendix

In the class, we did an exercise with Mr. Anupam in which each of us spoke about the impact of COVID-19 at your workplace.

Question 1: The (COVID-19) has an impact at your workplace.

Agree..... Truly agree..... dot know.... disagree

Question 2: The (COVID-19) reduced new employees to work in your workplace.

Agree..... Truly agree..... dot know.... disagree

Question 3: The (COVID-19) have impacted the mental health at your workplace.

Agree..... Truly agree..... dot know.... disagree.... truly disagree

Question 4: Because of COVID-19 the working hours reduced at your workplace.

Agree..... Truly agree..... dot know.... disagree.... truly disagree

Question 5: The (COVID-19) has an impact at your workplace.

Agree..... Truly agree..... dot know.... disagree.... truly disagree

Question 6: The measures indicated by the government helped to do not spread the COVID-19 at workplace.

Agree..... Truly agree..... dot know.... disagree.... truly disagree

Question 7: Because of (COVID-19) most of the employee's income have got affected.

Agree..... Truly agree..... dot know.... disagree.... truly disagree

Question 8: the (COVID-19) can be difficult for the new employees in your workplace.

Agree..... Truly agree..... dot know.... disagree... truly disagree

Question 9: Due to (Covid-19) is there more risk of catching coronavirus at workplace.

Agree..... Truly agree..... dot know.... disagree.... truly disagree

Question 10: Due to (Covid-19) there are a lot of workplaces losing money and therefore closing.

Agree..... Truly agree..... dot know.... disagree.... truly disagree

