

Digital skills and research
methods

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Title

“To analyse the impact of virtual learning Environment on student learning experience due to the situation of COVID-19”

INTRODUCTION

Virtual learning environment is educational technology that provide web based learning process and helps in course of study. It provide effective study material and resources to students so that they can study in effective manner. Online learning environment in the university is necessary for the development and growth of university students in most effective manner. Virtual learning enhance the level of growth and efficiency in the process of learning of the student. In the situation of coronavirus pandemic virtual learning plays important role in the growth and enhancement of future goals and objectives of the student at their home.

Rational.

The main reason behind the study of virtual learning environment is to understand the need of online learning environment in the university so that student can gain effective knowledge and information. During the situation of COVID- 19 online learning play vital role in the growth of student and help them to learn from home. In order to understand the importance of online learning process online survey is conducted so that adequate information can be achieve in the business. This helps to gain better knowledge and information about the various topics in the organization so that effective outcome can be achieved in the research project.

Research Objectives.

- To make effective understand about the virtual learning environment.
- To analyse the importance of virtual learning process in the university during the situation of COVID- 19.
- To analyse various challenges faced by the students during the virtual learning.

Research Questions.

- Examine the significance of virtual learning environment.
- Explain the importance of virtual learning process in the university during the situation of COVID- 19.
- Analyse various challenges faced by the students during the virtual learning.

Literature review.

Examine the significance of virtual learning environment.

As per the view point of Veronica Racheva., 2021. virtual learning refer to the online course for the students that helps them to gain better knowledge and information during the academic year. This take place in online environment at the university, it also provide facility to the students to increase the level of effectiveness in the distance learning process. It also provide information about the growth and cognitive mind set of the students for the better growth and enhancement of goals and objectives. Virtual learning process enhance the level of effectiveness and growth of students at the university level. Teaching and learning from the online process helps students to gain better growth and effectiveness in the learning process at the University. It provide student safe and secure learning environment to the students at their location they prefer. It also provide flexible learning environment to the students so that they can gain better knowledge and information. It also helps to gain better growth and objectives in the easily scalable growth and objectives of the student life. Virtual learning process helps to enhancement of growth and objectives of the student life. Learning activities in online classes take place when student focus on the effectiveness and growth of learning process. Online classes provide facilities to the teachers and students both to have e- learning process at home.

Explain the importance of virtual learning process in the university during the situation of COVID-19.

As per the view point of Anjanli Pant., 2020. Covid- 19 pandemic has affect 1.6 billion learners worldwide. Online learning process has supported the growth and efficiency of the students worldwide. Before the situation of COVID- 19 people think that strongest way of leaning process is to go for off line classes and learn in most effective manner. However during the period of COVID- 19 people has change their prospective online learning abilities of the students. Also learning outcomes can be achieved when the growth and enhancement of student learning process is achieve by the University. In many institution online learning is new concept and that affect the level of effectiveness in the growth and ability of the students. There are various problems that students face during their learning classes and growth of the online learning. Many institution encourage their student to learn in online classes and get information in most effective manner. Some of the institution reopen their online learning classes that helps to gain better growth and

efficiency in the learning process. Virtual learning process helps to gain effective knowledge and information at the university. E- learning may also help student to gain better objectives and growth in the university. To achieve better objective helps to gain better objectives and growth in the learning process. Virtual leaning process enhance the level of effectiveness and efficiency in the learning process. In the situation of COVID- 19 many students face difficulties in their online learning process. Policy and opportunities in the learning process of the student is increasing in the online learning process.

Analyse various challenges faced by the students during the virtual learning.

As per the view point of ANU-V 2020., There are various challenges that students face during the E- learning sessions that have an impact on the growth and efficiency at the university. One of the most common challenges that students face is adaptability during the online classes. Students find difficult to adopt online learning environment immediately after the traditional learning experience. There are various issues that student face while adopting online classes tradition. They face technical issues that impact the level of growth and effectiveness in the learning process. Due to the technical issues student face many problems such as understanding what teacher try to teach them, many student are not much aware about the learning process and this have impact on the knowledge and information they lack to gain form the classes. Slow internet also impact the level of effectiveness and growth of learning process. Computer knowledge also have impact on the learning process, lack of computer knowledge impact the level of growth and efficiency in the learning process. Student faces difficulties in the live process in the classes. Face difficulties in computer system has impact on the many student mind set. Communication gap between teachers and students during the online classes also have impact on the growth and efficacy of the students. During the online learning students face technical issues that cause impact on their growth and efficacy in the regular impact on the level of proficiency. Many student face issues and problems due the lack of motivation at the home and this distract their mind in other things and impact the level off effectiveness and growth. Lack of communication with the other students also impact the level of effectiveness in the learning process of the students.

To deal with this challenges appropriate training to the student should be provided so that they can achieve goals and objectives of academic year in most appropriate manner. This help to

understand about the needs and want of the student from the virtual learning process and provide them better understanding about the topic and subject form. It could help the students to enhance the level of effectiveness in the study and their learning process at home.

Research Methodology.

It is a specific process or technique that helps to identify, select, process and analyse information in most appropriate manner so that effective outcomes can be achieved in the research project. It allow the reader of the research to critically analyse the situation and topic of the research in effective manner.

Research Philosophy

It is brief about the why and how the data about the particular phenomenon should be gather that helps to gain effective result of the research process. This helps researcher to collect adequate data and information that helps to gain better insight about the research project.

Research Approach

It is the approach that helps to understand about the steps that have been used in the research process and growth of reach in effective manner. It helps to collect data in most appropriate manner and increase the level of efficiency.

Sources of data collection

These are the sources that researcher use to collect data and information in most appropriate manner. This helps to understand about the research project and data generation. For this report two method is chosen first is primary sources of data and second is secondary source of data information.

Research Design

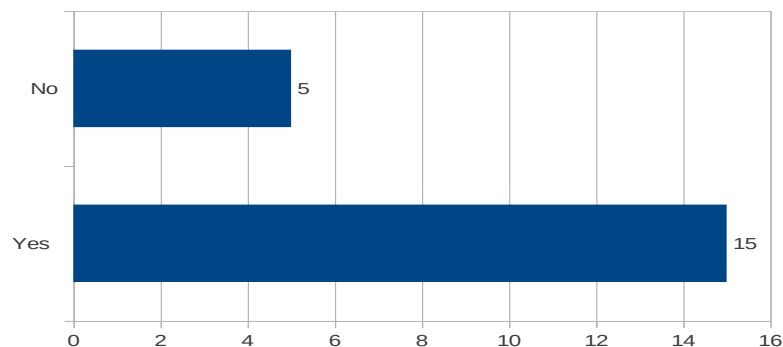
It is the overall strategy that helps to enhance and integrate the process of data collection that helps to gain effective result and process. This produce the process that helps to solve research process and gain better advantages of the research process.

Sampling

It is the size of sample that researcher use to conduct survey in most appropriate manner and gain effective result from the research process. For this research chose sample size of 20.

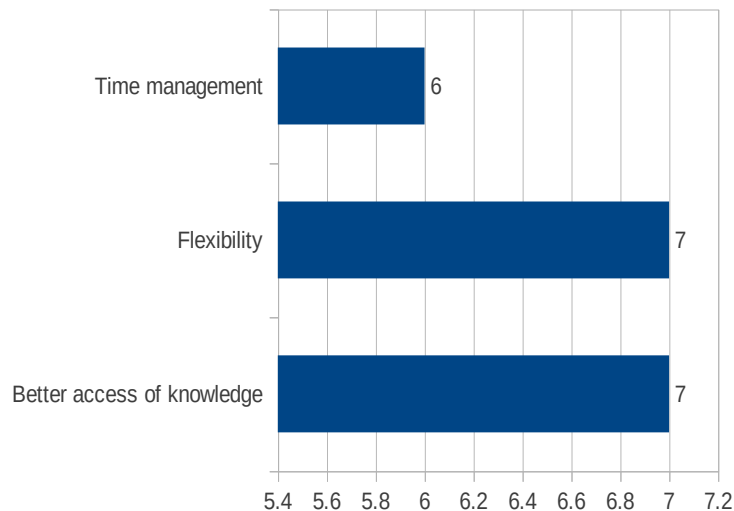
Primary Data Analysis.

1. Do you Understand the concept of virtual learning environment?	Frequency
• Yes	15
• No	5



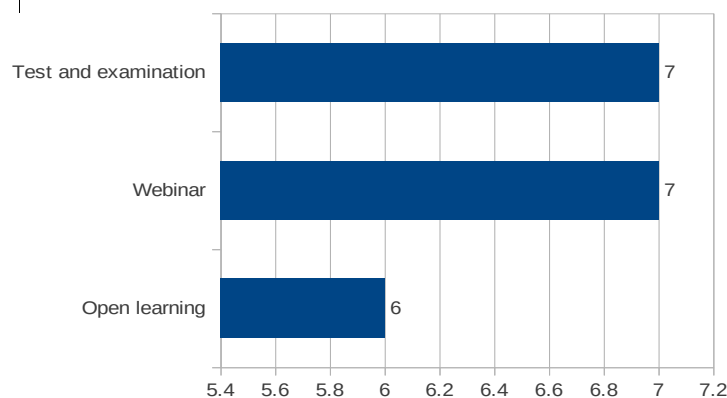
Interpretation: from the above graph it can be understood that from the group of 20 people 15 people think that they understand about the concept of virtual learning environment. Whereas 5 people were not aware about the concept. It is important for the individuals to understand about the concept so that effective outcome can be achieved in the digital world.

2. How virtual learning helps students in better growth and effective learning process.	Frequency
• Better access of knowledge	7
• Flexibility	7
• Time management	6



Interpretation: from the above graph it can be understood that from the group of 20 7 people think that virtual learning process help student to learn in flexible manner. While 7 people think it help student in better access of knowledge and information. Whereas 6 people think it help students in effective time management.

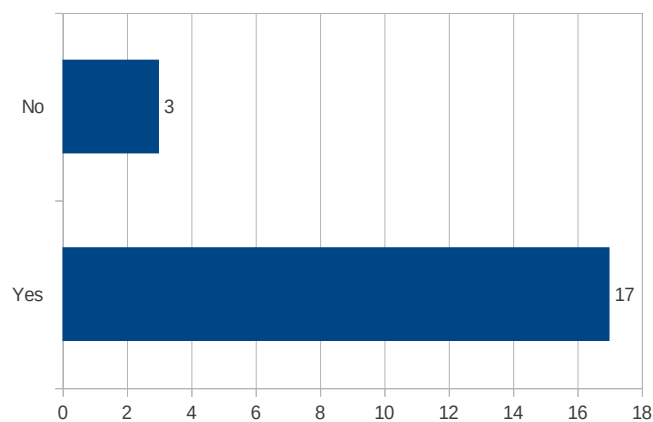
3. What are the way that can help student to understand about online learning and its effectiveness?	Frequency
• Open learning	6
• Webinar	7
• Test and examination	7



Interpretation: From the above graph it can be understood that from the group of 20 people 6 people think that webinar can help students to learn about the virtual learning process. While 7

people think online learning process will help the students and 7 people think test and examination can help the students.

4. Is virtual learning is better than traditions learning process.	Frequency
• Yes	17
• No	3



Interpretation: from the above graph it can be understand that from the group of 20 people 17 people think that virtual learning is better than traditional learning method. Whereas 3 people are disagree to it.

Secondary Data Analysis.

This analysis helps researcher to gain adequate knowledge and information about the effectiveness of research project and helps to understand about the process and effectiveness. For this research chose literature review for the secondary analysis that helps to gain proper information and knowledge about the topic. This helps to understand about the effectiveness of online learning sessions and how this have impact on the student learning process and growth at the university.

CONCLUSION

From the above information it can be conclude that the digital skills and research methods helps to understand about the virtual learning environment and its impact on the students and their learning process. Virtual learning environment help students to gain better knowledge and understanding about the module and topics during the situation of corona virus pandemic. There are various challenges that student face during the online learning session that have an impact on their academic growth and proficiency in the university. Effective virtual learning process can help the students to gain better knowledge and level of effectiveness in the growth and learning process.

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