ATTITUDES OF STUDENTS TOWARDS ONLINELEARNING DURING LOCKDOWN OF COVID-19 PANDEMIC

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ABSTRACT

Online -learning has become the mandatory component of all educational institutions like schools, colleges, and universities in and around the world due to the pandemic crisis of COVID-19. This deadly situation has flipped out the offline teaching process. Online -learning provides an effective teaching method that brings out the best in students. To find out the student's attitude towards e-learning, primary data has been collected from national wise through Google forms which include the student community from various colleges, and universities. This research paper aims to study the online -learning process among students who are familiar with web-based technology. It also helps to find out solutions to improve the self-study skills of students. The stratified sampling method has been adopted in this study and the sample size is 150 across the world. The findings of the study reflect the impact of online -learning, students' interest in using E-learning resources, and their performance. In conclusion, this study shows that online -learning has become quite popular among the students all over the world particularly, the lockdown period due to the COVID-19 pandemic.

I. INTRODUCTION

The purpose of education is to mold a person to be perfect. Education provides the pathway to reach their destiny. Education helps in inculcating social responsibilities as well. The main core of education is to learn. Learning is a process of acquiring knowledge or skills through study, experience, or being taught. Any freak accident that happens in the world will always leave its impact on education. And so the epidemic of COVID 19 has its footprints on education. The outbreak of this dangerous virus across the globe has forced educational institutions to shut down to control the spread of this virus. This happening made the teaching professionals think of alternative methods of teaching during this lockdown. And thus it paves the way towards web-based learning or e-learning or online learning. In today's scenario learning has stepped into the digital world. In which teaching professionals and students are virtually connected. Online -learning is quite simple to understand and implement. The use of a desktop, laptop, or smart phones and the internet forms a major component of this learning methodology. online -learning provides rapid growth and proved to be the best in all sectors, especially in education during this lockdown.

II. SIGNIFINCANCE OF THE STUDY

This study will help to find out the students' attitudes towards online earning during COVID – 19 Pandemic. This study was done for the students who are studying in various colleges and universities to gain additional information regarding the contribution of online -learning during this pandemic. It can be a learning paradigm in educational institutions to enhance the student's knowledge and skills through digital technologies. Government and Educational Department has to provide better infrastructure for online -learning for the betterment of students.

III. OBJECTIVES

1. To know the willingness towards using online-learning resources among students

2. To identify the improvement of students self-study skill through   online-learning
3. To identify the attitude of students towards satisfaction level of the online mock test

4. To identify the attitude of students towards usefulness of the online -learning at quarantine time

5. To identify the attitude of students towards Technical Issues of e-learning

6. To identify the attitude of students Positivity towards online-learning

7. To identify the attitude of students towards online-learning makes knowledge wider

8. To identify the attitude of students towards preference of Learning Environment

9. To identify the attitude of students towards Types of device prefer to use for e-learning

10. To identify the attitude of students towards types of Application Tools Prefer to Use For online-Learning

IV. METHODOLOGY

This study is based on primary data. The data have been collected from students, who are currently pursuing their undergraduate degrees in different colleges and universities. The online questionnaire through Google Forms has been prepared for collecting data. Among the students, only 150 samples are scrutinized based on the stratified sampling method.

V.   ANALYSIS

1. THE WILLINGNESS TOWARDS USING ONLINE-LEARNING RESOURCES AMONG STUDENTS

The revolution of information and global based availability of technology has a major impact on contemporary education. It is playing a major role in all new pedagogical skills in education at all levels. There are many available sources online to learn from wherever you need it. Digital devices and gadgets do not only provide students to engage in entertainment, but also make more opportunities for them to engage in learning activities. In this context, student's willingness towards e-learning is presented in table-1.

Table-1: The Willingness Towards Using Online-Learning Resources Among Students

Classification	Respondents	Percentage
Yes	124	82.66
No	08	5.33
May be	18	12

Among 150 respondents, around 82.66 percent of students reported their willingness to learn from online- learning resources. Around 12 percent of them were opined in somewhat they are learning from e-sources because there are no other alternatives. Since the classes and education institutions are stand to closed due to Corona, they have only depended on online-learning, most majority of the institutions, where the students have participated in this survey are have encouraged to learn through e-sources. And only 5.33 percent of them were not willing to learn because of a lack of connectivity. It is evident that, a maximum number of respondents are engaged to learn from online -based learning.

2. THE IMPROVEMENT OF STUDENTS SELF-STUDY SKILL THROUGH ONLINE-LEARNING

Today's learner's expectation is very different from the past after globalization education has become more associated with digital and mobile paced. Students have wanted learning materials that are accessible through online mode in mobile phones and computers. The main reason for online -learning is that the students can learn at their comfort and requirement. In this context, the improvement of student's self-study skills through online-learning is presented in table-2.

Table-2: Online-Learning Improves Your Self-Study Skill

Classification	Respondents	Percentage
Yes	117	78
No	11	7.33
May be	22	14.66

Among 150 respondents, around 78 percent of students have reported their self-study skills to improve because of online-learning. Around 14.66 percent of them were opined in somewhat they are learning from e-sources because there are no other alternatives. Since the classes and education institutions are stand to closed due to Corona, they have only depended on online-learning, most majority of the institutions, where the students have participated in this survey are have encouraged to learn through e-sources. And only 7.33 percent of them were not supposed that the e-source alone can improve their self-study skills. It is evident that, a maximum number of respondents are viewed that, online-based learning improves their self- study skills.

3. **THE SATISFACTION LEVEL OF THE STUDENTS ON THE ONLINE MOCK TEST**

Student assessment is one of the important methods of the evaluation process in the education system. Various methods are being adopted to understand the students learning capacity. The online way of learning a mock test is a prompt method which is a highly acceptable one. It is even more important during the quarantine time. Moreover, the mock test is a more effective and systematic method to extract student's abilities and understand their respective lessons, in this context, the satisfaction level of the students on online mock test is presented in table -3.

Table 3: Satisfaction Level Of The Students On The Online Mock Test

Classification	Respondents	Percentage
Yes	128	85.33
No	10	6.66
May be	12	8

Among 150 respondents, around 85.33 percent of students are satisfied with web-based mock test participation. They asserted that it is more convenient and aptitude based. Around 8 percent of them are opinioned that, it may be useful since the students are pursuing online competitive examinations. And only 6.66 percent of them are certain that the web-based mock test is not sufficient for their expectation level. It is evident that, a maximum number of respondents is keen to participate in the mock test.

4. **THE USEFULNESS OF THE ONLINE -LEARNING AT QUARANTINE TIME**

During this time of medical emergency, many education institutions are some simple measures have taken to learn during the quarantine time. Students are motivated and provided a link to helpful material for their upcoming semester examination. Colleges are encouraged to be planned towards e-learning, in this context; the usefulness of the e-learning at quarantine time is presented in table-4.

Table-4: The Usefulness Of The Online-Learning At Quarantine Time

Classification	Respondents	Percentage
Yes	121	80.66
No	13	8.66
May be	16	10.66

Among 150 respondents, around 80.66 percent of students are opinioned that online-learning is very useful during the quarantine time. Around 10.66 percent of them is the attitude that it may be useful since the students are pursuing online competitive examinations. And only 8.66 percent of them are not positive on online - learning during quarantine time. It is evident that, maximum numbers of respondents are expressed that online-learning is useful and more satisfactory

5. **TECHNICAL ISSUES OF E-LEARNING**

Online -learning is always depending on a strong internet connection with the high band. It is not succeeded always because of a lack of connectivity and an acute power shortage. Online-learning is even worse in rural areas compared to urban due to lack of infrastructure that online courses require, and thus fail to attend with their virtual classes. In this context, technical issues of online -learning are presented in table-5.

Table-5: Technical Issues Of Online -Learning

Classification	Respondents	Percentage
Yes	44	29.33
No	89	59.33
May be	17	11.33

Among 150 respondents, around 29.33 percent of students are experienced that, no such technical issues while online-learning. Around 59.33 percent of them are experienced technical issues. Nearly 11.33 percent of them express that, sometimes it is very difficult to follow the classes due to poor internet connection. Especially video lectures from Zoom and other applications are containing a lot of technical configurations which is highly difficult to handle since the listener is new to this technology. It is evident that, maximum numbers of respondents are expressed no on technical issues in online –learning

6. POSITIVITY TOWARDS ONLINE-LEARNING

E-learning is an innovative method to communicate with society. It is an effective way of teaching to bring out the best in students.

Table-6: Positivity towards online-learning

Classification	Respondents	Percentage
Yes	93	62
No	12	08
May be	45	30

Among 150 respondents, around 62 percent of the students are in favor of online-learning. Around 30 percent of them are in terms of online-learning may be positive. And only 8 percent of the students are not positive towards online-learning. It is noted that the maximum number of respondents are positive towards online-learning

7. ONLINE-LEARNING MAKES KNOWLEDGE WIDER

online-learning provides maximum benefits from minimum requirements. Does it work in the students to enhance their knowledge? This is illustrated in the below table

Table-7 : online-learning makes knowledge wider

Classification	Respondents	Percentage
Yes	87	58
No	14	9.33
May be	49	32.66

Among 150 respondents nearly 58 percent are esteemed that online-learning makes their knowledge extensive. Nearly 32.66 respondents are in a dilemma. And only 9.33 percent are disagreeing with the statement. it is noted that the maximum number of the respondents states that online -learning makes their knowledge wider.

8. PREFERENCE OF LEARNING ENVIRONMENT

Learning is a process of acquiring knowledge, enhancing the skills, helps in improvement of their career. In this pandemic situation, there is no way of teaching in the classroom. All educational institutions are forwarded to the e-learning environment. The table illustrates the student's attitude towards the preference of the learning environment.

Table – 8: Preference of Learning Environment

Classification	Respondents	Percentage
Class room learning	104	69.33
Online - learning	46	30.66

Among 150 respondents, only 30.66 percent prefer online-learning. Nearly 69.33 percent of them prefer classroom learning. From this evidence, it is noted that most of the students prefer to classroom learning environment rather than online-learning.

9. TYPES OF DEVICE PREFER TO USE FOR ONLINE –LEARNING

Table-9: Types Of Device Prefer To Use For online-Learning

Classification	Respondents	Percentage
Laptop	40	26.66
Mobile	96	64
Desktop	14	9.33

Among 150 respondents, around 64 percent of students are preferred mobile phones for online-learning, followed by Laptop 26.66 percent, and remaining students 9.33 percent students used Desktop

10. TYPES OF APPLICATION TOOLS PREFER TO USE FOR ONLINE-LEARNING

Table-10: Types Of Application Tools Prefer To Use For online-Learning

Classification	Respondents	Percentage
Zoom	86	57.33
Google class room	24	16
Whatsapp	12	8
YouTube	22	14.66
Mail	06	4

Among 150 respondents, around 57.33 percent of students are learning classes through Zoom. Nearly 24 percent of students are accessing learning materials through Google Classroom and 14.66 percent are learning through YouTube. Remaining students prefer Whatsapp 8 percent and Mail 4 percent respectively

FINDINGS

1. The willingness towards using online-learning resources among students around 82.66 percent of students reported their willingness to learn from online- learning resources. It is evident that, a maximum number of respondents are engaged to learn from online -based learning.

2. The improvement of students self-study skill through   online-learning around 78 percent of students have reported their self-study skills to improve because of online-learning. Since the classes and education institutions are stand to closed due to Corona, they have only depended on online-learning, most majority of the institutions, where the students have participated in this survey are have encouraged to learn through e-sources, a maximum number of respondents are viewed that, online-based learning improves their self-study skills.

3. The attitude of students towards satisfaction level of the online mock test around 85.33 percent of students are satisfied with web-based mock test participation, a maximum number of respondents is keen to participate in the mock test

4. The attitude of students towards usefulness of the online -learning at quarantine time around 80.66 percent of students are opinioned that online-learning is very useful during the quarantine time, maximum numbers of respondents are expressed that online-learning is useful and more satisfactory

5. The attitude of students towards Technical Issues of e-learning It is evident that, maximum numbers of respondents are expressed no on technical issues in online –learning

6. The attitude of students Positivity towards online-learning around 62 percent of the students is in favor of online-learning. Around 30 percent of them are in terms of online-learning may be positive. And only 8 percent of the students are not positive towards online-learning. It is noted that the maximum number of respondents are positive towards online-learning

7. To identify the attitude of students towards online-learning makes knowledge wider 58 percent are esteemed that online-learning makes their knowledge extensive. Nearly 32.66 respondents are in a dilemma , the maximum number of the respondents states that online -learning makes their knowledge wider

8. The attitude of students towards preference of Learning Environment30.66 percent prefer online-learning. Nearly 69.33 percent of them prefer classroom learning, most of the students prefer to classroom learning environment rather than online-learning.

9. The attitude of students towards Types of device prefers to use for online -learning. around 64 percent of students are preferred mobile phones for online-learning, followed by Laptop 26.66 percent, and remaining students 9.33 percent students used Desktop

10. The attitude of students towards types of Application Tools Prefer to Use For online-Learning. Around 57.33 percent of students are learning classes through Zoom. Nearly 24 percent of students are accessing learning materials through Google Classroom and 14.66 percent are learning through YouTube. Remaining students prefer Whatsapp 8 percent and Mail 4 percent respectively

VI.　　CONCLUSION

E-learning seems to be the forthcoming trend. It has been extending widespread. The online method of learning is best suited for everyone. Depending on their availability and comfort, many people choose to learn at a convenient time. This enables the learner to access updated content whenever they want it. Due to the wide set of benefits, it gives to students. The findings of the study reflect the impact of online-learning, students' interest in using online-learning resources, and their performance. In conclusion, this study showed that online-learning has become quite popular among the students across the world particularly, the lockdown period due to the COVID-19 pandemic.

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