An Analytical Study on on-line learning during pandemic Covid-19

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ABSTRACT

The purpose of this study was to explore the importance of online learning, which has become a part of our life and we can't keep ourselves away from it. For the purpose of the study many research article read and find out the need and advantage of online learning in the present covid-19 situation. The were drawn-Online learning is a challenging task for India because a student and teacher faced too much problem due to lack of proper skill and in this research we find out that the students feel burden in online learning. In online learning we cannot take such education which requires practical work. Network problem is also one of the challenge in online learning, even in the network of 5G students are not able to learn online properly. Online learners are become psychologically Distant in their interaction with others. Primary level and secondary level of online learning is only to some extent possible.

Keyword: Learning, epidemic,digital India,global Scale, ICT

Introduction:

Covid-19 emerged from China and reached to all over the world and it become epidemic around the world. On 18 March 2020 W.H.O declared this, epidemic which may spread all over the world. The organisation also issues the declaration for the safety and provision as follow

- people may out for essential work only
- people distance of 1 metre
- avoid gathering etc

The work of Doctors, media, hospitality workers were appreciated and prised. a part from them the role of teachers played exemplary. Through all institution like school, college, university were closed however the learners and teachers were active at their work from home and carried online teaching-learning.

Today we are living in an era of knowledge explosion where we can get education by crossing the barriers of time, distance and money. In the era we are living there, we can easily get knowledge from any corner of the world at a very low cost and that is the only means online, with the help of which we can get knowledge for the least cost or for free. For example, one can get knowledge by reading Research Journal, taking books for free from online library, with the help of online learning material and watching online videos for free from many internet sites. Apart from this, due to the lockdown due to Covid-19 in the current phase, all the educational institutions are closed due to this, the only means is online education with the help of which we can do online learning.

Online Learning:-

Online learning is education that takes place over the Internet. It is often referred to as "e-learning" among other terms. However, online learning is just one type of "distance learning" - the umbrella term for any learning that takes place across distance and not in a traditional classroom.

Online education in India has come a long way with the development of technology. India is one of the nations that is developing at an exponential rate in terms of technology. With the population of more than 1.3 billion, the availability of high-speed internet and smartphones, India has the most number of technologically driven persons. The rise of the internet has changed the way of life in India. People like to do everything online, they shop online, do business online, make friends online, learn online etc. While e-Commerce being the most significant online industry, Online education and learning stand right next to it. With the ever-increasing information available on the internet and the countless number of online courses many people in India prefer to learn online.

By Seeing the potential and immense popularity of digital technology in India, Our Honourable Prime Minister has envisioned transforming our nation and creating opportunities for all citizens by harnessing digital technologies Through digital India initiative. The initiative comprises of various projects in various areas relating to health, education, labour, employment etc. As a part of Digital India project, many colleges and universities offer online correspondence courses. Now let's go through some of the interesting facts about online education in India.

● Online education market in India was worth $ 247 million in 2016, which is expected to grow about $ 1.96 billion by 2021. That is a compound annual growth rate of 52%.

●The number of users enrolled for various online learning courses is estimated to be 1.6 Million in 2016, Which is expected to grow about 9.6 Million by the end of 2021.

●It is estimated that there is a 175% increase in the cost of classroom education, this gives online education more preferred because it is cost effective.

●Nearly 48% population in India between 15–40 age group with high aspirations but lower income is a good target market for online education. And, the acceptability of online channel is high in the younger demographic

Role of the Research

With the help of this research article, we will be able to know how important online education has become in our life today and we cannot keep ourselves away from it today. If anyone does this, then he keeps himself away from the era of knowledge explosion.

Why online learning and why now? Online learning meets the needs of an ever-growing population of students who cannot or prefer not to participate in traditional classroom settings. These learners include those unable to attend traditional classes, who cannot find a particular class at their chosen institution, who live in remote locations, who work full-time and can only study at or after work, and those who simply prefer to learn independently.

The minimum requirement for students to participate in an online course is access to a computer, the Internet, and the motivation to succeed in a nontraditional classroom. Online courses provide an excellent method of course delivery unbound

by time or location allowing for accessibility to instruction at anytime from anywhere. Learners find the online environment a convenient way to fit education into their busy lives. The ability to access a course from any computer with Internet access, 24 hours a day, seven days a week is a tremendous incentive for many of today's students.

Advantages of Online Learning:-

● **Convenience**: 24/7 access from any online computer; accommodates busy schedules; no commuting, no searching for parking.

● **Enhanced Learning**: Research shows increased depth of understanding and retention of course content; more meaningful discussions; emphasis on writing skills, technology skills, and life skills like time management, independence, and self-discipline.

● **Levelling of the Playing Field**: Students can take more time to think and reflect before communicating; shy students tend to thrive online; anonymity of the online environment.

● **Interaction**: Increased student-to-teacher and student-to-student interaction and discussion; a more student-centred learning environment; less passive listening and more active learning; a greater sense of connectedness, synergy.

● **Innovative Teaching**: Student-centred approaches; increased variety and creativity of learning activities; address different learning styles; changes and improvements can translate to on-ground courses as well

● **Improved Administration**: Time to examine student work more thoroughly;

ability to document and record online interactions; ability to manage grading online.

● **Savings**: Accommodate more students; increased student satisfaction = higher retention and fewer repeats.

● **Maximize Physical Resources**: Lessen demand on limited campus infrastructure; decrease congestion on campus and parking lots.

● **Outreach**: Give students options; reach news student markets; appeal to current students thus increasing enrollments.

Types of Online Learning:-

● Online Learning: Internet-based courses offered synchronously and/or asynchronously.

● Mobile Learning: by means of devices such as cellular phones, PDAs and digital audio players (iPods, MP3 players).

Tools for Online Learning:-

Online learning tools means tools through which we can get education by sitting in any part of the world with the help of internet.

Types of Online Tools For Learning

1. Synchronous online tools for learning
2. Asynchronous online tools for learning

1. Synchronous online tools for learning :-

Synchronous online tools enable learning and collaboration in different location simultaneously. Through these devices, people sitting in different parts of the world gain knowledge by interacting with each other. example- zoom meeting, Google meet, webex, skype, hangout, msn messenger, Facebook Live, YouTube live etc.

It helps in-

i   Discussion and dialogue
ii Sharing of presentation and information
iii In-depth discussion with high-touch interaction

iv Information sharing of low-complexity issues

v Adhoc quick communication

vi Development of ideas

vi Development of documents

2.Asynchronous online tools for learning

Asynchronous online tools complete the learning and collaboration at different times from different place. With the help of these devices, people in different parts of the world can communicate with each other according to their convenience and need. Example- blogs, email, web book, e-library, database, survey and pools etc.

Need, Importance and Significance of Online Learning:-

● Online learning is the best in the present epidemic saturation because it allows us to stay in a safe place and get education at any time of our

● With online learning, we can save our money because online resources are available at the least cost or for free.

● We can also save our time by learning online because we waste a lot of time in traffic and other things to get knowledge.

● We can do online learning according to our need and ability, especially if there is a physically handicapped child, then online is like a boon for him.

● The degree we achieve through online learning is also being approved by various companies.

● Online learning promotes active and independent learning.

● People have access to 24×7, we can train ourselves anytime and from any where also.

● Through discussion boards and chats, people are able to interact with everyone online and also clear downs if any.

Problems, Issues and Challenges in Online Learning:-

● While there is a need and importance of online learning, there are also issues and challenges that can hinder children's learning such that if children do not have the right information in online learning, they can easily deviate from their work.

● In online learning, we cannot take such education which requires practical work.

● With online learning, the problem of mental stress is constantly increasing in children, there is a continuous decrease in the sleep of children and often the problem of head ache has become common in children.

● Network problem is also one of the challenges in online learning. Even today, due to network problem, children are not able to learn online properly.

● Online learners are becoming psychologically distant in their interaction with others.

● There is inappropriate assistance on examinations being provided to online learners.

● There is lack of knowledge of curriculum regulations and academic code of behaviour for the online learner.

● Most of the online assessments are limited to questions that are only objective in nature.

● There is also the problem of the extent of security of online learning program.

● The authenticity of a particular student's work is also a Problem as online just about anyone can do a project rather than the actual student, itself.

● The assessments that are computer marked generally have a tendency of being only knowledge based and not necessarily practicality based.

Conclusion:

Online learning is a challenging task for India because it is not yet fully utilized here. In addition, many students do not have the skills of online learning, online teaching isnot properly going on in the current era. students'view on this aspect is that we have not proper training and resources for online learning.In the phase ofFrom this research we find out that students feel burden in online learning. By 2019-20, the transition to Corona has caused the whole world to triumph and is definitely affecting the social, economic, political, religious, business, educational and cultural backgrounds of humans on a global scale. According to the WHO, the transition of Covid-19 will definitely continue after 2020. Now the problem is how we can complete our daily routines with social distance and the educational activity inevitably goes on with prosperity, continuity and harmony Can go.In this context, online learning is being seen globally as an important link. Today online learning is directly or indirectly affecting every student. Online education in itself can be considered an incomparable contribution of ICT. In a large country like India, with a population of 130 crores and the largest population of it is youth, for the educational approach of youth, whether it is higher education from pre-primary level or whether it is technical education or vocational education, all such educational approach Online education is proving to be the foundation stone for completion. In this context, the whole world is not untouched by this. As far as I believe all the educational institutions are lying in the transition period of Corona, despite this, ICT is providing its facilities even during the transition phase, it can definitely be considered a boon of science.

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