



SMART EDUCATION IN THE SMART ERA

- THE GROWTH AND SIGNIFICANCE OF E-LEARNING AND ONLINE EDUCATION

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ABSTRACT-

With rapid advancement of technology the world is witnessing a shift and change in the working module and operating pattern of various sectors. Unlike any other sector our education section has undergone many revolution and changes. There was a time when there was "GURUKUL" system of education, but with the advancement of teaching technique and modernization of the society the education changed to classroom module of teaching. And the 21st Century witnessed the rapid growth of technology and internet and as the result of which today Online Education or E-learning is the latest mode of education. With the rapid use of internet and advancement & technology we are now quite accustomed to the smart classes and the online mode of education. It has been seen from the past several years that Online Education and E-learning has emerged and has great impact on the education system. There have been developments the several online education portal and websites, in current time. It has been seen that several online courses are being conducted by several websites to educate a large segment of people worldwide on various areas and topics. People all over from diverse culture/background and language can attend the online classes and various live and recorded lectures to gain knowledge E-learning has also gained importance in India in recent times because of the timing flexibility and in affordability and purchasing power of Indians. And due to the COVID-19 outbreak, when all the schools were closed down, these online portals and learning applications came as a blessing and helped the students. All the schools tried to help the students by taking online classes by platforms like G-MEET, ZOOM and after the Covid-19 will be over the institutions are adopting hybrid mode of teaching. During the pandemic, teachers used the virtual classrooms to teach from home makes the online sessions as effective as the offline school classroom. In this paper an attempt has been made to study about the use of digital technology in education and to know about the growth

of E-learning, impact on pedagogy and also how online education is emerging from the past few years and its scope in the present time. Merits and Demerits of online learning platform are also discussed.

KEYWORDS - ONLINE EDUCATION, E-learning, technology.

INTRODUCTION-

Online education is learning, utilizing electronic technologies to access educational curriculum outside of a traditional classroom (by Zahoor Ahmad Lone, Assistant Professor, {2017}). With the modernization of the entire country and the advancement of technology and the rapid growth of ed-techs portals, we can see that online education and E-learning has been in the scenario from the past few years. But a noticeable change from the traditional classroom method to the online method can be witnessed due to the COVID-19 pandemic. Most Governments around the world have temporarily closed educational institutes to control the COVID-19 pandemic spread. As the result of this more and more families are relying on technology and digital solutions to keep their child learning, entertained, and connected to the outside world, but in the rural areas some segment of students faced issue due to lack of availability of the required technology. Correspondingly, higher education institutions worldwide have been pushed to do experiment with e-learning as the traditional class-based learning is impossible under Covid19 regulations (Demuyakor, 2020; Ratten, 2020). It is therefore clear that Covid-19 has resulted in a major disruption in the education system, much of which is still being understood due to the severity of its effects (Bryson & Andres, 2020; Crawford et al., 2020). A number of affected stakeholders, including government authorities, academic staff, students, and parents are concerned if the shift from class-based learning to online learning will produce the desired results. In the current time, learning can now be realised online and knowledge can be transferred virtually using multiple media. Online learning refers to that learning environment that takes place over the Internet. It is often referred to as E-learning. One of the biggest advantages of E-learning is that it is instantly accessible and offers flexible scheduling. The importance of online education is being recognised by more institutions, since it is a cost effective way to deliver a large number of people. It can produce an impactable result by both decreasing the cost and also improving the performance. It offers a highly effective learning environments and also complementary interactive support that allows students to study 24*7 and understand their own pace. Online education offers a flexible scheduling and is available at any location, with the help of devices like computer, laptop, mobiles, tablets, etc. along with an internet connection. Most of the high-end private and public educational institutions have made the switch smoothly using online platform such as Google meet, zoom etc., We can also see that several ed-tech portals, websites and applications, have also come into picture from the past few years (eg.- BYJUS, VEDANTU, EXTRAMARKS, etc.) which provides an interactive live and recorded learning experience to students in more enjoyable manner. India's ed-tech industry is poised to become \$30 billion in size in the next 10 years, according to a report released on Wednesday by transaction advisory firm RBSA Advisors.

BACKGROUND OF RESEARCH STUDY-

As India is the second largest populated country in the world with 10,30,996 schools and 907 universities, there is a huge requirement of online education or E-learning system. With a view to complete the demand, India is a home of E-learning portals and websites and henceforth online education is in huge demand among the students. E-learning is now a new trend in education system. E learning provides live interactive classes, recorded videos and different modules as per the requirements of the students and users. As the result of the COVID-19 pandemic when all the educational institutions were closed down, online education and E-learning helped the students, from primary classes to higher level classes and also the aspirants of various competitive exams. As the schools and colleges were closed during the COVID-19 pandemic, both educational institutions and students were worried, but due to online education both the teachers and students could interact and everything were sorted out. Teachers took classes on platforms like G-MEET, ZOOM etc., using certain tools and the syllabus and the study could be completed on time. There is another advantage due to this reason the sluggish pace of reforms in academic in situations, which continues with old lecture based approach has been shifted to online and more innovative mode of audio visual way of teaching, using modern ways to make the online lectures more enjoyable and attractive. E-learning is the new and the latest trend in the modern education system. E-learning is not only restricted to only school and colleges but is also used by companies and business to train and develop their workers and employees. But with all the importance, there are also some constraints like the non-availability of proper access in rural areas and social backwardness, but Government, NGOs, are trying to remove all the barriers and making the availability of online education on rural areas as well.

REVIEW OF LITERATURE-

Due to the current shift of the society towards technological advancement, it is very important to consider the preferences and perception of learners while designing the online courses to make the learning effective and productive. Preference of the learner is related to the willingness of the learner to participate in collaborative learning and the factors influencing the readiness for online learning. In the section to follow, we summarise the learning from the review of related literature.

1-Warner et al. (1998) proposed the concept of readiness for online learning in the Australian vocational education and training sector. They describe readiness for online learning mainly in terms of three aspects:(1) the preference of student's for the way of delivery opposed to face-to-face classroom instruction; (2) student's confidence in the utilising the electronic communication for learning which includes competence and trust in the use of the Internet and computer-based communication; and (3) capability to engage in autonomous learning.

2- T. Muthuprasad a,* , S. Aiswarya b , K.S. Aditya a , Girish K. Jha (Social Sciences & Humanities Open 3 (2021) 100101 in their article-(Students' perception and preference for online education in India during COVID -19 pandemic)- found that students love recorded classes with quizzes at the end of each class to improve effectiveness of learning.

3- Sumitra Pokhrell and Roshan Chhetri² (DOI: 10.1177/2347631120983481 journals.sagepub.com/home/hef)-A Literature Review on Impact of COVID-19 Pandemic on Teaching and Learning)- This article aims to provide a comprehensive report on the impact of COVID-19 pandemic on online teaching and learning of various papers and indicate the way forward.

4- Piyush Joshi , Dr. Shweta Dewangan (Journal of Contemporary Issues in Business and Government Vol. 27, No. 1, 2021 P-ISSN: 2204-1990; E-ISSN: 1323-6903 <https://cibg.org.au/>) -Impact And Development Of Online Education (ELearning) In India - This article speaks about the growth of ed-techs and online education system in India and noticeable shift from traditional to the latest method of education.

5- Mseleku University of Kwa-Zulu Natal(International Journal of Innovative Science and Research Technology ISSN No:-2456-2165)-A Literature Review of E-Learning and E-Teaching in the Era of Covid-19 Pandemic Zethembe - tells about how the Covid-19 outbreak has introduced a lot of challenges for higher education institutions across the world. Lockdown and other Covid-19 regulations have forced a sudden shift from face to face learning to online learning in many academic institutions.

6-Dr.Pravat Kumar Jena (INTERNATIONAL JOURNAL OF MULTIDISCIPLINARY EDUCATIONALRESEARCH ISSN:2277-7881; IMPACT FACTOR :6.514(2020); IC VALUE:5.16; ISI VALUE:2.286 Peer Reviewed:VOLUME:9, ISSUE:5(8), MAY:2020) - ONLINE LEARNING DURING LOCKDOWN PERIOD FOR COVID-19 IN INDIA - focussing on how the online learning helped the students during the pandemic and the perceptions of learners and educators on online learning system during, lockdown and are pointed.

7-The concept was further refined by several researchers like McVay (2000, 2001) who developed a 13-item instrument which measured student behaviour and attitude as predictors.

9- Zahoor Ahmad Lone ISSN XXXX XXXX © 2017 IJESC (Impact of Online Education in Indian)-states that 'Live and interactive' digital learning helps and empowers the learners to receive par excellence, quality education anytime and anywhere. Whether it is career and technical education or project-based learning, it gives learners a more interactive platform for the learning and assessment.

10- According to Marc Prensky's research different learning outcomes are the best learning through particular types of learning activities. He says that we all learn -a) about the behaviors through limitation, feedback and practices. b) creatively through playing c) facts through association, drill, memory and questions d)language through imitation, practice and impression e) reasoning through puzzles, problems and examples.

OBJECTIVE OF THE RESEARCH-

The basic objective of this study is to know the idea of e-learning and to look at the kind of E-learning. It additionally summarizes many opinions relating to the comparison between ancient learning, classroom learning and e-learning. This paper aims to debate intimately the benefits and downsides of both the ways in which of learning, and tries to convey some solutions by considering the benefits of each the systems of learning considering the constraints of matters.

And the various other objectives are as follows-

1. To know about the current e-learning scenario in India and the major players of the Ed-tech industry.
2. To check the advantages and objectives of E-Learning
- 3- To study the barriers, demerits and limitations of E-Learning
- 4- To know about the current state and future of E-learning and online education in India.

FREE ON-LINE PLATFORMS THAT SUPPORT LIVE-VIDEO COMMUNICATION

There square measure several live-video communication platforms square measure accessible in net, however a number of

The free on-line platforms square measure as listed below which might be employed by learners of all categories:

Zoom – Cloud platform for video and audio conferencing, collaboration, chat and Webinars.

Google Meet – Video calls integrated with alternative Google’s G-Suite tools. Video Meeting recordings, Screen sharing, be part of calls victimization Google Calendar

Skype – Video and audio calls with speak, chat and collaboration options.

Facebook Live- may be a nice suitable businesses, influencers, or people World Health Organization square measure

Looking to broadcast demos, videos, or showcase their company culture whereas

Streaming live, followers on Facebook will comment and chat live, schedule videos prior to time to achieve excitement.

□ YouTube Live-is a platform for demonstrating a product with live interaction.

Hosting an academic session to show audience with screen sharing or employing a Whiteboard, having options with Location tags and advanced programming.

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BASE CONCEPT OF THE RESEARCH STUDY-

With the increase in the concept of the paperless and electronic education system the online learning came into the scenario. Online learning or E-learning is a combination of learning service and technology. Online learning or E-learning is a combination of learning service and technology. Online learning portals or better to say all the ed-tech apps has a benefit of flexible place, time and medium use along with less cost/amount to spent. The main requirements for this online mode of education is a good internet connection and computer system, mobile, tablet or laptop. The research study has the following outcome-

- 1- E-learning has become a blessing during the COVID-19 pandemic situation.
- 2- E-learning and online education is very helpful for countries like India, which consists large amount of students.
- 3-Information Technology have been utilized to a great extent.
- 4-The impact of E-learning in Indian Education system is positive.
- 5- With the increase in the use of internet day by day, the scope of E-learning is wide

RESEARCH METHODOLOGY:

This analysis study relies within the secondary knowledge. The same secondary knowledge is collected from different sources like reference books on E-Learning, internet Portals, on-line Education, Distance Learning. For this analysis study, the secondary knowledge is additionally collected from numerous magazines and journals that are connected to E-learning, internet Portals, on-line education, distance learning. For the same analysis study the secondary knowledge is additionally collected from numerous websites, search engine and on-line info suppliers.

How is on-line learning ever-changing education?

□ 'Live and interactive' digital learning empowers the learners to receive par excellence, quality education anytime and anyplace. Whether or not it's career and technical education or project-based learning, it gives learners an additional interactive platform for learning and assessment

- Free on-line courses open up avenues for each education providers and students. Folks are additional assured to take these courses and once they see results, they do not hesitate to obtain additional
- On-line education provides students a chance to arrange their future course of action and agency their careers

MAJOR ED-TECH PLAYERS IN THE MARKET-

1. BYJU'S

Byju's the best EdTech Company that has personalized learning programs , their aim is to remodel learning into fun through their interactions and 3D learning categories which can facilitate the scholars to get higher. On Byju's you'll learn from India's prime academics and up-level your skills. The approach they need reinvented their information to suit students finding out from home and created their app student-friendly gave them that edge. Though they started with Science and Maths tutorials for secondary school, currently they need distended to different target audiences.They have introduced courses for educational institution youngsters within the name of Byju's Early together with film producer and special JEE and NEET preceding material together with Aakash Institute. They even have programs for IAS preparation. This makes them attain the highest spot up to now as EdTech corporations in Asian nation area unit involved.

2. Henry Harvin Education:

Henry Harvin is one in every of the simplest and leading career development organizations that focuses on price creation. Their aim is to reshape the expansion of people by delivering glorious coaching and services. They need 100+ courses offered in each offline and on-line modes of instruction. They rent the simplest trainers within the business and their course information is that the most suited to this job market's demands.

3. Upgrad:

Upgrad is India's largest on-line platform that helps thousands of scholars to realize their career goals. Upgrad helps students to induce on-line degrees from the highest universities across the planet.

4. Pesto:

The target market of pesto is developers across Asian nation with a minimum of two years of labor expertise. Pesto technical school is currently gift in twenty five states of Asian nation

5. Vedantu:

Vedantu is AN Ed-tech platform wherever academics offer on-line tuition to students. it's an internet learning system that helps the scholars to know the ideas clearly by interactive live sessions, doubt clearing sessions, and customised teaching pattern

6. Whitehat jr. education:

It is one in every of the world's leading Ed-Tech platforms for youths. They assist the children to find out logic, structure, and algorithmic rule thinking to make websites and apps. Learn secret writing from business specialists.

7. Unacademy:

Unacademy is India's largest learning Ed-Tech Company that helps the scholars to organize for major entrance exams like UPSC, IIT JEE, NEET-UG, Bank exams, GATE and compass point

8. Classplus:

This is AN Ed-Tech company that permits tutors to manage their own schoolroom through AN app. It helps them to make their own learning apps by managing the parent-tutor communication, attendance, on-line tests, payment of fees et al..

9. Nice learning:

great learning offer personalized live learning and world category courses on information science, AI, machine learning, cloud computing, cyber security, code development, and more

10. Edukart:

Edukart is AN Indian Ed-Tech company that offer Indian and international courses like master's degree, MCA, BA, BBA, B.Sc., etc. you'll get a certification, degree, and certificate courses from prime institutes across the planet

11. Meritnation:

Meritnation is India's most cherished on-line tuition. They supply live tuition to the varsity youngsters across categories 1-12..

12. Testbook -Textbook is an Ed-tech platform wherever you get everything you wish for your test preparation. The app provides on-line courses, study notes, strategy and preparation plans, mock check series, a observe question bank, guidance, and mentoring. It's one in every of the simplest on-line check series platform.

CURRENT STATE OF E-LEARNING AND ONLINE EDUCATION IN INDIA-

Due to the advancement of technology, higher internet speed, reduction of the price of smart phones, growth of new Ed-tech startups, there has been tremendous growth of the e-learning and online education in India. More over due to Covid-19, online education came as a blessing in the life of students. Government of India is also making endless effort to provide access to online leaning available to students in every corner of the country. Online courses are available for both primary and professional level therefore covering a vast diversification. Students can access the class from any corner of the country and acquire the knowledge, give tests simultaneously. In India, lots of start-ups are already setting their business in the field of e-learning. For example BYJU'S, SIMPLILEARN, EXTRAMARKS, VEDANTU, etc.

The growth of digital learning-

Following are the most reasons for the expansion of on-line education in India:

- With nearly a billion folks on mobile phones and over 200 million mobiles connected to the net, there has been a substantial rise in digital learning
- the employment of best-in-class content, period of time learning and feedback strategies, and personal directions has encouraged on-line learning
- Folks are stepping towards digital learning because the edutech corporations are providing them the comfort of 'live and interactive' anyplace learning in digital format, through its on-line programs
- These on-line courses are cheap and simply accessible
- Digital learning aims to interrupt the many barriers that are preventing folks from receiving quality education within the physically certain lecture rooms

DIGITAL LEARNING IN COMPETITIVE EXAM PREPARATION-

Visually engaging and a stimulating medium of learning

Watching an animated video of a process live or an evidence of any construct with examples in motion in live interactive categories is a lot of possible to be simply recorded and registered within the brain than text. It is stimulating and brings out curiosity to grasp the subject more. Visual understanding won't solely bring clarity to the construct however can offer you a capability to imagine and type an image within the head. This can to boot assist you in linking the ideas.

Cutthroat Competition

Every year lots of students seem for various entrance exams, that takes the competition to a replacement level. High Stakes area unit concerned in nearly each competitive communication. There's plenty of peer pressure. Things get harder for the scholars making ready for each board exams and entrance exams. By taking advantage of technology and attending categories from the convenience of home, students will get a competitive edge. Students attending coaching job categories for preparation of NEET/ JEE will elect recorded video lectures to strengthen their ideas, revise the programme and beat the competition.

Comfortable and convenient

By choosing digital learning, you'll watch videos, and hear lectures anytime and anyplace. once troubled to recall, bear in mind and connect ideas, permit the technology to create the manner swish for you by repetition the videos as persistently as you wish. A full heap of content is out there on the net to explore. One construct is explained and suggests in numerous ways in which, as per your understanding.

Personal Attention

The matched attention of the lecturers in accordance along with your wants and level of understanding is another good thing about digital learning. Personal attention of the school in live on-line categories conjointly facilitate in instant doubt resolution that helps you progress on to consequent topic while not wasting plenty of your time on obtaining stuck on one factor.

Save time, cash and energy

Study in your own appropriate atmosphere with none hassles of travelling and save your precious time and cash. You get to achieve information from practiced college and harden the communication at your own pace. Throughout preparation for any competitive communication, wherever every minute counts, you'll add longer in improvisation, revision, and higher preparation to come back out with success.

ADVANTAGES AND BENEFIT OF ONLINE EDUCATION AND E-LEARNING

Affordable

Although the fee for the course might stay identical, students' gets to chop down on additional fees they get lecture rooms, amenities, hostels, meals, etc. Another price students save via on-line Education is textbooks, the provision of cheaper digital books cuts down hefty expenditure on textbooks. Also, several universities and faculties offer distance learning scholarships that build the fee all-time low. Several programs provide free Education too.

Plethora of decisions

Take associate degree example of a student United Nations agency desires to pursue medical specialty engineering in Mysore, and there are solely seven faculties within the entire state that provide this course. If the coed fails to pursue the course thanks to the proximity to the school, on-line Education comes in handy. Thus, no matter the region, one will take up distance learning for his or her desired course on its non-availability within the near faculties. If one does not get the course they need on campus; it's accessible on distance learning. The choices of courses and skills one gets to pick out from are immense on on-line Education. One may additionally opt for the type of teacher they'd need them to show. This makes on-line Education customized. Also, students will gain data regarding each sphere of life.

Widely Accepted

The invasive technology has wide popularized on-line Education. Several on-line learning platforms are rising each day, assuming to share data and skills with several students. High universities and faculties have additionally created their on-campus courses accessible to on-line categories. Even graduates are becoming certified in new skills and courses of the most recent trends. So that they take up on-line learning of those skills to stay up with the most recent developments. These on-line certifications also are accepted in firms, and on-line graduates get sensible jobs supported their studies.

Self-paced Learning

"All fingers don't seem to be the same" typically one would have detected the expression; equally, all students can't be generalized, and every contains a pace to select things up. In associate degree offline schoolroom wherever all students are instructed at the same time, everybody won't receive them at that pace- some quicker, some slower. Online Education allows students to be told topics at their own pace and luxury. in contrast to ancient learning, it does not dictate students to regulate to their pace however, in turn, adjusts to the students'.

Comfortable

Students will learn sitting reception, amidst the character of their favorite places, and learn in contrast to in ancient learning wherever they're absolute to sit amidst four schoolroom walls. Once students opt for their surroundings, it makes them snug and easier to specialize in the topics they are learning while not distractions or complaints.

No Peer Pressure

Like in colleges, wherever the academics and alternative students pressurize to attain well, on-line Education helps students specialize in themselves and do higher. Once the competition is not very stiff and healthy, students will concentrate a lot of and build the foremost out of their study time.

Saves period and price

Many students live at places aloof from their faculties and should travel hours to and fro from the school. In on-line Education, one will utilize this point for finding out because the faculty is dropped at you on-line. Thousands of rupees are spent on travelling, and on-line Education will save that.

More Interaction

Some faculties have over eighty students placed in a classroom; this makes it very troublesome for the academics to not specialize in each student's learning thanks to the massive variety and restricted time. In on-line Education, the teacher focuses on the student's progress higher, and also the kid will clear their doubts any time of the day. This will increase the student-teacher interaction higher.

Flexibility

In ancient faculties, wherever category hours are mounted, and students are strictly asked to follow a good schedule, typically it becomes troublesome for each the coed and teacher to stick to them. The recorded categories found in on-line Education solve this downside. A student will watch the recorded lecture anytime and on repeat till the conception is extremely well understood.

THE DISADVANTAGES AND LIMITATIONS OF ON-LINE LEARNING-

1. Inability to specialize in Screens

For many students, one amongst the most important challenges of on-line learning is that the struggle with that specializes in the screen for long periods of your time. With on-line learning, there's conjointly a larger probability for college students to be simply distracted by social media or different sites. Therefore, it's imperative for the academics to stay their on-line categories crisp, engaging, and interactive to assist students keep centered on the lesson.

2. Technology problems

Another key challenge of on-line categories is web property. Whereas web penetration has big in leaps and bounds over the past few years, in smaller cities and cities, an even reference to good speed may be a downside. While not an even web affiliation for college students or academics, there is an absence of continuity in learning for the kid. This is often prejudices to the education method.

3. Sense of Isolation

Students will learn tons from being within the company of their peers. However, in a web category, there square measure stripped physical interactions between students and academics. This typically leads to a way of isolation for the scholars. During this state of affairs, it's imperative that the college yield different sorts of communication between the scholars, peers, and academics. This may embrace on-line messages, emails and video conferencing that may yield face-to-face interaction and cut back the sense of isolation.

4. Teacher coaching

Online learning needs academics to possess a basic understanding of mistreatment digital sorts of learning. However, this is often not the case perpetually. Very often, academics have a really basic understanding of technology. Sometimes, they don't even have the required resources and tools to conducts on-line categories.

To combat this, it's vital for faculties to speculate in coaching academics with the most recent technology updates in order that they will conduct their on-line categories seamlessly.

5. Manage Screen Time

Many oldsters square measure involved concerning the health hazards of getting their youngsters pay such a big amount of hours watching a screen. This increase in screen time is one amongst the most important issues and downsides of on-line learning. Typically students conjointly develop unhealthy posture and different physical issues thanks to staying crooked ahead of a screen. A good answer to the present would be to convey the scholars' lots of breaks from the screen to refresh their mind and their body.

6-Some on-line courses area unit solitary.

as an example, MOOCs don't offer a similar level of association and collaboration as in-person courses would. Interaction is sometimes not a period of time method. Unless direct electronic communication is enabled, queries for the teacher should be submitted on-line, with answers usually received later. During a room setting, students will act with academics additional ad lib.

7-Online education involves an even bigger work –

Since establishments that provide on-line courses recognize they can't monitor their students effectively, they assign additional tasks and assignments. This will be a significant downside for college students following a degree whereas operating full-time.

9-Access to comprehensive materials and support may be troublesome.

Once on-line courses area unit significantly static, all of the fabric is uploaded onto one server for the student's open access, while not interactions with real humans. This will be problematic for those people World Health Organization would like live clarification, technical support, or period of time changes.

10-Online education needs large self-discipline –

After you area unit during a room, you're expected to follow rules and laws – that instills a way of discipline. While not the structure of a physical room and sophistication schedule, it may be simple to lose focus and not devote the mandatory time to course work.

FUTURE OF ONLINE EDUCATION AND E-LEARNING IN INDIA-

India is already a major player in the Information Technology industry, and the henceforth the future of E-learning portal is quite bright. As far E-learning industry or better to say Ed-tech industry is concerned, India has an important and major role to perform at International level. Through the support of the government the concept of online education is reaching the next level. Major players like BYJU's, VEDANTU, etc. are also taking every steps to provide pace to e-learning industry. The futures of open universities are also very bright in India. Many foreign countries to be more specific, many foreign companies are planning to setup their business of E-learning system in India. With the growth of technology, development of high speed internet and increase in the number of mobile phone users we can say that, the future of E-learning in India is very bright.

SUGGESTIONS-

- 1-To avoid hacking, the devices should be updated to the latest version and there should be proper antivirus
- 2- Government should try to ensure the high speed internets are available even in rural areas
- 3-Big Ed-tech giants and company can support the backward families by giving the student devices (mobiles or tablets) as part of their CSR activities.
- 4-All should follow the new guidelines released by UNICEF and partners to keep kids safe during online classes.
- 5- Schools and educational institutions should monitor good online behaviours of children while conducting online classes.
- 6- Parents should keep a track on the Internet browsing history of the child.
- 7- Social network platforms should enhance online platforms with more safety measures, especially while using virtual learning tools.

8-Learners and educators must be familiar with web-based interactions such as email discussion boards and chat rooms before joining online classes.

CONCLUSION-

From the study done, the following conclusion can be done-

- 1-E-learning or online education is the future of Indian education system.
- 2-Online education or E-learning is the most common and flexible method of learning in the recent times.
- 3-During the COVID-19 pandemic the E-learning came as a blessing and can be accessed easily.
- 4- Government should try to expand the scope of online education and should also take care that it reaches every corner of the country.
- 5-Online Learning is the best and the most flexible method of learning at this time.
- 6-With the increase in the use of Internet, mobile phones and other electronic gadgets we can say that there is a huge scope of online education in India.
- 7- Online education can be accessed by primary students, secondary students, teachers and professional as well.
- 8-In a country like India, the economic, social and educational development can be achieved with the help of expansion of E-learning and online education system.
- 9-More marketing will create new customers for E-learning providers
- 10- E-learning can be the best in life of the students if use to the best positive way.

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