Challenges of Online Teaching-Learning Process

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ABSTRACT:

The Global Pandemic caused due to the covid-19 virus has shifted the whole education system to the online platform. Classes which previously were conducted mostly in physical infrastructures are now being conducted in online platforms such as zoom and google meet; Study materials are being circulated in softcopies and even examinations are taken by the students online. This sudden drastic shift in one way has been advantageous as students no longer need to spend time in travelling, students can repeat recorded lectures for their better understandings and has given both the students and teachers the opportunity to teach and learn at the comfort of home but at the same time it has numerous challenges this paper talks about the challenges faced in the online mode of Teaching-Learning Process, and also discusses various methods of how to overcome these. Education or knowledge is the light which enlightens one's soul and helps one always to walk on the path of truth and justice. Education is also one of the most basic and fundamental right to which each and every human being should have access to. Education is the foundation for any human and is the most powerful weapon to stand against any injustice. Lack in proper education is not only harmful but can also be disastrous. For a developing country like India where most of the people belong to middle class family education and enlightenment is a necessity for people to grow and for the country to grow. Lack of proper education stands up like an obstruction to any kind of advancement and without advancement a nation tends to get back gear in all fields of development.

The online platform to carry out educational process is comparatively a new concept among all and being enforced to work on this since the pandemic hit has somewhere made it a compulsion where both students and teachers miss the previous physical environment as they were used to it for a very long time and also are not very sound to use this brand-new platform to continue the same. Also, the conduction of classes completely depends on the internet services and as we all are well aware of that this facility is still not enjoyed at most parts of our country, this causes a huge chaos and damages the discipline of the education system.

As every other thing online Teaching-Learning process also has its own advantages and disadvantages. But the way technology is developing and human beings are evolving it is very evident that if used properly then this online platform will be very useful for both students and teachers in the coming future and would set new horizons to the field of education.
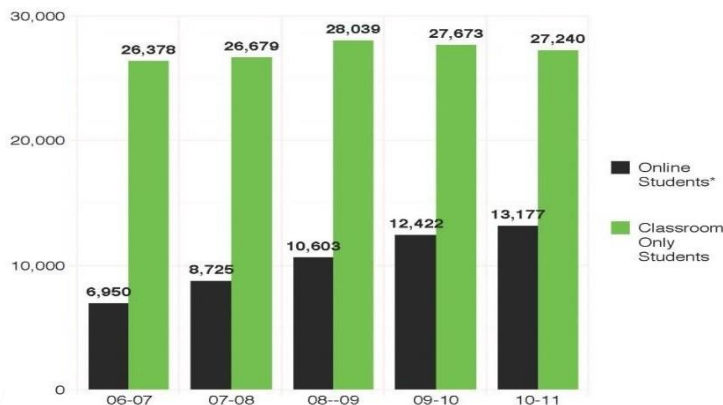
KEYWORDS: Online Education, Pandemic, E-learning, online platform, challenges, Teaching, Learning

INTRODUCTION

Already the pandemic has created a lot of mental imbalance among all amidst of this attending long hours of lectures sitting in front of the LED Screens turns out to be really tedious and also leads to irritation in the eye and other eyesight related problems, also this is making them a subject to obesity. Students also face a lot of problems regarding network connectivity which frequently disconnect them from the class and when the student re-joins, he/she has already missed on a part which results in incomplete education which is very harmful. The worst condition is for the subjects which require hands on experiment, there are online simulators and softwares but they do not match the level of the physical mode, as a result of this students remain unknown of the challenges which can occur if were practically perform something and this makes them incompatible for real job. In education there are many things which require a physical interface and cannot be demonstrated with a mere webcam. This online mode also barges in between the teacher-student relationship which is a fundamental requirement, students generally are not comfortable asking away doubts if there is no bonding between them and such doubts pile up to create misconception which is not at all advisable. Also, school, colleges and other educational institutions provide the students with an environment to study with all students around studying or indulged in some educational activities inspires many and also boosts their confidence level which is not possible to create at home. Another important problem is that it is not possible to nurture social or life skills through these online teaching-learning platforms.

LITERATURE REVIEW:

Reviews conducted eminently shows that the efficiency of learning in the complete online mode of teaching-learning process have deteriorated its quality to a great extent also the

number of students receiving the education has also reduced to a havoc number due to some physical challenges as well as due to student neglection.

The graph clearly shows the number of students getting effective education in both online and offline mode in the y-axis and the age group of the students in the x-axis.

OBJECTIVE:

The objective of this paper lies in spreading awareness among the teachers and students about the prevailing challenges and also to work upon them to find detailed solution to the prevailing challenges so that the quality of the education can be improved for the sake of mankind. Education is the basic right to all the human beings out there, but it should also be taken care of that the education is of desired quality and also the students taking the education should make the proper utility of it. Methodologies has to be implemented which makes education accessible to everyone and so that everyone can use it for their best.

PROPOSED METHODOLOGY:

Online education can never match the level of the offline education system and values, but there are certainly ways which will increase the quality of the online education but without someone's consent one can never force someone do something, and in this case both teacher and students has to agree to give and take education seriously. Some of the methodologies which can be adopted to deal with the challenges of the online education are:

1. Teachers should present elaborative concepts to the students in an attractive manner and ask the students to condense it, this will increase interaction and will also enhance learning.

2. Teachers should encourage interaction in class; this will help the teacher-student bond to grow and will upgrade the quality of the class, switching on the web cams of the students should also be enforced this will help with more engagement.

3. Students should ensure that they engage themselves with active responding skills because without response it really becomes difficult for the teacher to move on.

4. Teachers and student both should take care of the network connectivity and in case a student is from a rural place where network facilities cannot be exercised for them the institute should prepare recorded lectures and hardcopy of notes and ensure that it reaches the student in time.

5. Self- awareness must be spread amongst the students and they should be explained the importance of education to them as they are the future generation to carry forward the human race.

6. Teachers need to find new technology of smart teaching and should incorporate smart animations, classroom assignments which will even be helpful to evaluate the students.

7. Technology should be used in such a way to design the practice materials so that it ensures that students should not engage in some unethical means to get grades.

8. More efforts are to be given on evaluation, teachers should go around and bring out innovative ways to judge a student and practical knowledge should be praised more than bookish knowledge

RESULT / OBSERVATION:

It is observed through detailed study that the online platform can be used very efficiently in order to continue with the teaching learning process. With the growing technology and immense advancements there has been a lot of scope to engage students and teachers with a very interactive platform at the comfort of one's personal space.

But to execute this there needs to be some changes in the way it is carried out presently, and for this:

- ✓ The first and foremost requirement is the sincerity if both teachers and students.
- ✓ Also, major issues like network connectivity should be addressed in advance, so that a stable connectivity is available which does not cause any disturbance during the process.
- ✓ Classes should be made interactive and technology should be used at its best to provide the best study materials to the students.
- ✓ Evaluation process should be taken more care of in order to ensure that the quality of education do not degrade.

CONCLUSION:

The online platform for teaching-learning process provides grand opportunities to both students and teachers to learn, explore and bring out the best from themselves, the prevailing challenges needs to be taken care of with outmost care to solve the issues faced by the students and teachers. This platform is worth bringing a revolution in the educational field with the technology coming into play. Challenges are a very common part of life and the spark lies in solving them, so take up the required measures and make online education the new normal.

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