Measuring Student Performance over Online Classes especially during COVID- 19

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ABSTRACT- Year 2020 started with the new dimensions and development and everyone was looking forward for the new development. An year end is always measured with positive and negatives happening of the year. But this year 2020 started with the hurricane of COVID and created a wave of stoppage, disaster and lockdown. Every sector of business was shattered, the entire economy stood on the wheel where wheel was not rotating.My paper tittle is how to measure the student performance over the online classes. No doubt this Pandemic was about to announce this academic year 2020-2021 as zero academic session but god is always there to help our nation builders. This pandemic situation has brought so many of evolutions and changes in the stream of education that no one has ever thought of .In every corner of world all task , all meeting , conferences, seminars were conducted Via Digital Mode like online classes , zoom etc. Initially it was tough to be adapted by small students, housewives but later on within a very short span of time, Every one became comfortable with it. Although the concept of online class is not very new, it has been implemented in most of the countries but always there was the combination of both the online classes as well as offline classes at same time but During COVID-19 this concept of online classes has to be implemented 100% without any scene of Offline classes. Indeed earlier the online classes used to be held at only colleges or institutes or at research centres But during COVID-19, the classes in the school , coaching institutes are being held by online mode. Infact even in preschools , the knoweldege to the small kids are being imparted by online mode.To increase the accessibility to higher education by larger segments of the public, the model of Massively Open Online Course (MOOC) was introduced in 2008, which includes universitybased and corporate-based online offerings. The university-based offering was initiated by Ivyleague higher education institutions, including edX in 2012 by Harvard University and the Massachusetts Institute of Technology (MIT), eduMOOC in 2011 by University of Illinois Springfield, Coursera in 2012 by the joint efforts of Most of these are open to the public free of charge, which shows the universities' efforts to encourage the public to participate in online learning.

1. INTRODUCTION

Online education is a growing trend, and more and more institutions may eventually be offering more and more online courses to an increasing number of students. Therefore, future studies should be designed to obtain students' perspectives, especially those who are new to computerbased learning.With the advancement of technology, researchers need to study the roles that a variety of technological tools play in promoting more effective social interaction and growth of a learning community, for example, audio and/or video conferencing via Google Hangout and Skype, social network media, and virtual reality environments. The best part of the online classes is that is allow the students to be more and more techno savy. As in our survey Most of the parents were very much happy as they realized that the kids who are learning the technology at this stage ,their parents have not been able to learn till now. Indeed Its not about only taking online classes but also if look here and there , everywhere there is a very clean scenario of online era consultation given by doctors, Online fashion consultancy by Fashion designers, Complete online Recruitments by various HR departments, Indeed every professional and non professional era turned into online .So my this paper will cover different aspects of online classes from different angle of teachers, Professors, academicians, students, professionals and as well as parents. We have tried to cover the main aspect of the paper is that how teachers and academicians can improve their performance and their quality while teaching and how various small factors can help in increasing the interest and boosting the morals of students for attending t the online class

2. LITERATURE REVIEW

The concept of the online classes is absolutely not new .In previous times that is before Covid-19 , It has existed in several other forms like video tutorials and MOOCS course This research paper and the survey is not only about online classes but it focuses on the segment that what are the challenges faced by the lecturers and professors that how they can be improve and track the performance of the students over the online classes. The Teacher motive is not only teaching but it is to ensure that the knowledge she wants to share should reach to each and every student. There are certain standard of policies which is adopted will ensures that student are focusing in the class. Initially when we did the literature review we find a lot of content how to take the classes, how to conduct the online classes but this paper will focus on the real time data collected by online survey where the survey form was filled by students , parents and Teachers. We took up the challenges, obstacles faced by each of them and tried to provide the solution by each one of them. This search is a not only about limitations , advantages , conclusion about online classes , zoom software , virtual classes but this will also put light on how to improve the performance of students over the online channel , how to keep track over the students behavioral activity during the online session. Web-based instruction has made it possible to offer classes worldwide through a single Internet connection. Although it boasts several advantages over traditional education, online instruction still has its drawbacks, including limited communal synergies. Still, online education seems to be the path many students are taking to secure a degree. Earlier whatever the research or study has been conducted in same

area, it included the limitation of users and Limitation on the usage of Methodology of online classes as well. But during COVID , no of users and area of conducting has been increased to 75% of the previous situation. Therefore if I talk about the study perspective and Literature review, Obviously it will contain more advantages and Disadvantages and will end up with more Conclusions.

3. ADVANTAGES OF ONLINE CLASSES

3.1.PROGRAM CHOICES:

Online curriculum is full of different type of courses and adverse variety of all kind of doctorate, graduates and post graduates courses. Indeed it provides the facility of enrolling more than two courses at a same time and getting eligible for multiple certification courses.

3.2.365*24*7:

Through online mode there is no limitation of day. Anyone from any corner of the world at anytime and at any day can be connected to each other for the virtual classroom sitting in their own premises.Currently in offline situation sometimes either the teacher could not take the classes or the student could not take the classes due to some major factors such as health issues, natural clamity factors, time boundation etc. But in online and virtual classes, classes can be conducted as per the convenience of everyone.

3.3 LESS PAPER WORK:

Undoubtedly Online classes and Virtual Classes promote Green Marketing and eco friendly environment. As students have to submit the assignments online, online project , online notes. So this indeed avoids lot of paper.

4. ISSUES IN CURRENT ONLINE CLASSES

4.1.CLASS SIZE:

In online classes we can ask the student to turn on the video but if the class size is quite big, then it becomes the issue in bandwidth and internet speed. So usually when the users size becomes more than 100, it creates problem in audio as well as video streaming.

4.2 PLAGIRISM/COPYRIGHT:

No doubt with the invasion of online tutorials and Lecture series, there is a huge: possibility that your content is being copied and circulated over Internet. That might increase your fame but there are more chances that your content is used all over the internet by various faces o f the same profession.

4.3 ATTENDENCE:

This was the major issue in current online classes as students are always smarter than the teachers. In Offline /Physical classes students were actually present and hence their attendance can be recorded but in Online classes Student use to login and then they use to turn off their videos. Students use to make sure that they have login. Login of ensures the students ensures that the student have joined the classes but it cannot be ensured that he is actually behind the camera.

4.4 MULTITASKING:

If we talk about this feature its says that at a same time user is involved in the multiple activities. In fact doing many task at a same time is considered as a challenging task but when it come to studies or lecture attending every expert says that the student should focus on only attending the class and learning process. But In reality according to online survey it was very much concluded that 70 %of the student use to login and then after certain time period they use to indulge them in various multiple activities like u tube, video watching etc. Atlast this multitasking disturb and diverts the overall attention of the students.

4.5. USERS CATEGORISATION:

According to my survey,It came in the picture that the new users, updated generation found it very convenient to use online classes mode. But with the very small kids who can not be afforded to resume back to school even post covid-19, it is very tough for the small kids to join and connect the online classes independently. They always need some supporting hands .Parents recommended that online classes are better for younger kids.

4.6. COST /FINANCE BUDGETTING:

When it comes to the scenario of attending online classes, the major fact to be considered is the gadget which is to be used for attending the classes. The best option is the laptop rather than the mobile phone as in the mobile phone the screen area is the issue and it basically creates hurdles in the eve vision of the students while attending the class on the Mobile phone. Indeed according to my survey, Every home has two kids and two adults and if mother is a working capacity , then there use to have a tough situation

when everyone needs to be online at same time and everyone needs different gadgets to be connected. Indeed Nearly 25% of the houses were like that where there was no laptop and no desktop but due to stress of lockdown, online classes, less source of income , Parents felt this as a pressure to buy a new one.Approximately 27% of the students mentioned the non-availability of smartphones and laptops, as per the survey.

4.7. NETWORK ISSUE:

Poor internet connectivity, disruption in electric supply and non-availability of devices, such as laptops and mobile phones, are among the major hindrances hampering online learning, as per the survey, which is the most comprehensive such study by the Centre.

4.8. PRACTICAL VS THEORETICAL STUDIES :

In an online classes , the teachers had put up their best efforts in conducting the online classes by making their online video tutorials ,making use of white board and digtizer pen but in actual fact there are always some hick up in taking online video practical tutorials, Online theoretical classes are much easier to conduct as compared to online practical sessions.

4.9. DISTURBED ROUTINE:

If we talk about this feature of online class it is the view point of most of the parents that online classes disturbs the overall routine of the students. In offline classes students has to follow discipline and culture of the school. For ex He /she has to get up early, go to school at time but many parents realized that in online classes students attend the class without following discipline structure such as taking shower, getting ready for school or class, eating while attending the virtual class.

5. PERFORMANCE TOOLS AND MEASURES.

5.1.MID SESSIONS QUIZ:

When the lecture if going on, the teacher should conduct some in between quiz and each student can submit it individually being transparent to each other. By this way teacher can make sure about which student is attending the class and which student is not focusing. The quiz can be in multiple choice question answer form and quiz can evaluate by using online QUIZ BOOT software. The teacher doesn't have to tackle the burden of evaluation of the quiz sheets. Students can be encouraged to attend the class with more of interest by providing the certification of participation or the certificate of merit at the end of quiz.

5.2.LOGIN ID TRACK:

This is the best policy to ensure that student is logged into the class by the official id only. If we put restriction that student has to be logged inn by the particular id being provided by the organization, then there is no scope that at a same time a uses is attending multiple different sessions and hence the attention of the student is focused in one domain only.

5.3.RANDOMATTENDENCE CHECK IN:

A teacher should call the name of any student randomly at regular interval or short span of time ,Especially the name of all those students where it is expected that they are logged in and switched off their video and might be not attending the class. The attendance at the beginning of the class or at the end of the class only ensures that student did logged in to the class but doesn't confirm that he was present throughout the class.

5.4.REGULAR ASSIGNMENTS ON DAILY BASIS:

Some times after online classes in most of the practices it is recommended that if you give small sort of assignments on daily basis or the alternate days, it might increase little burden or pressure upon the students but yes it will keep them indulge and busy with the classroom activities.

5.5.BLOCKING OTHER SITES:

This feature is something which has to be implemented from parents or guardian side. This is basically to increase the overall focus of student in the class where only one function can be implemented and executed at one time. All other entertainment sources such as social networking sites, messengers should be blocked.

5.6.QUESTION ANSWER ROUND:

Usually question answer round is taken at the end of the class but according to my survey , Most of the teachers as well as students suggested that question answer round should be taken in between also which increase the interest of the student during the class as well.

5.7.MOTIVATIONAL ATTRIBUTES:

A teacher should not only focus on learning and teaching only infact she should focus on increasing the will power of the student to attend the class himself and should all take small activity or motivational task that motivates the student to attend the class regularly and listen the content with full concentration.

6. FUTURE CONCLUSIONS

Future conclusion of the above survey and report indicates that the Online academic scenario will always remain in the country even post Covid-19.It will ensures from both end of faculty as well as student that in any circumstances , the education and knowledge management will not suffer at all.Atlast This research concludes that in Future there will be more and more only online classes as compare to the current and previous situation. Currently if we talk about the point of teachers and the various hurdles they face while taking the class, In future generation teachers they will be much more habitual and trained in conducting online classes. It will also improve the quality of online sessions to be delivered.Previous studies mainly examined postings sent by participants. With the advancement of technology, researchers need to study the roles that a variety of technological tools play in promoting more effective social interaction and growth of a learning community, for example, audio and/or video conferencing via Google Hangout and Skype, social network media, and virtual reality environments.

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