

## 21<sup>ST</sup> CENTURY TREND AND ISSUES: INTEGRATING WEBINAR ZOOM MEET INTO TEACHING AND LEARNING

By

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### Abstract

*Teaching and learning faces many challenges ranging from both the students, teachers and content issues. The paper aimed at identifying the effectiveness of traditional/conventional teaching and learning and to determine the strategies of integrating webinar zoom into teaching learning. Thus, the article discusses the concept of traditional /conventional teaching and learning method, online-teaching learning, e-application of webinar zoom, integrating webinar zoom in teaching learning, advantages of integrating webinar zoom in teaching learning, and issues of integrating webinar zoom in teaching learning. The paper concludes that, the use of webinar zoom meet application in teaching and learning could help students and educators create and build their knowledge which to some extent provide an interesting and more effective learning approach and will have a positive effect, the paper further recommends that, there is need for a high level of preparedness for quickly adaption of the changes in the environment and adjust to different strategies of teaching and learning activities in webinar zoom.*

**Keywords:** Teaching, Learning, Method, Online Teaching /Learning, Webinar Zoom

### Introduction

Educators as one of the important components of the higher education must be able to facilitate students learning, in which 70 to 80% of lectures use traditional/conventional method of teaching. Conventional learning takes place in a classroom setting. There is a teacher who moderates and regulates the flow of information and knowledge. That is, they follow the traditional set up of face-to-face teaching learning activities in a classroom setting. In a traditional classroom, students can directly share their views and clarify their own queries with the teacher, thus getting their questions answered right away. Traditional/conventional method in-class teaching, body language, facial expressions, and teachers' voice are all important teaching tools in teaching and learning (Aggarwal, 2018). Although many academic units have also started blended teaching and learning activities, still a lot of them are stuck with old procedures. Many academic institutions that were earlier reluctant to change their

traditional pedagogical approach had also start blending with online teaching-learning.

The digital revolution today has paved a way for education in the new era where teaching and learning take place not only at schools, but at homes and in workplace irrespective of geographical region. As the body of knowledge grew bigger and bigger with varied dimensions the process of teaching and learning become formal and systematic. Need for methods and strategies to enhance the quality of learning originated over the centuries, educators have been concerned with the issue of increasing the efficiency of learning experience. (Aggarwal, 2018). The introduction of technology has change the definition of teaching and learning; technology has the potentials to enhance Teaching-Learning, and manage the educational services and make them affordable and available anytime, anywhere. So educational institutions should profoundly revise present teaching practices and resources to create more effective learning environments and improve lifelong learning

skills and habits in their students (Lubaale, 2015).

Therefore, different kind of challenges in the educational system across the world, forced educators not only to use traditional method of teaching and learning but rather a hybrid approach. Even though, not only challenges but also for teaching and learning to be easily accessible, affordable, flexibly, life-long learning. It will also be easily accessible not only to the student in urban but can even reach student in rural and remote areas. Dhawan (2020) considered online teaching and learning to be a relatively cheaper mode of education in terms of the lower cost of transportation, accommodation, and the overall cost of institution-based learning.). Most of the terms (online learning, open learning, web-based learning, computer-mediated learning, blended learning and m-learning) have in common the ability to use a computer connected to a network, that offers the possibility to learn from anywhere, anytime, in any rhythm, with any means” (Cojocariu, Lazar, Nedeff, & Lazar, *etal.*, 2014). Also, e-application called zoom webinar is making a lot of news because of its viable features were a lot practice online teaching and learning, For instance. It allows conducting live online classes, web-conferencing, webinars, video chats, and live meetings. These e-application will surely make the teachers to be teaching and student to be learning from home, because the app helped in keeping people connected via video conferencing.

### **Webinar Zoom Meet**

Zoom Meet is a Face-to-Face Conference Platform where Educators and students can interact directly as they meet face to face. In this application there are many advantages such as file sharing in PDF format that can be done easily. Zoom offers the easiest facilities for individuals who want to participate in conferences or meetings with just a link or room number. Zoom online format also includes two-way live broadcast lectures. The Zoom making online courses are very popular due to saving time, costs, and its impact

towards the environment. Zoom requires low financial cost and offers a good webinar experience. The use of Zoom also allows participants to write and discuss together throughout the process. Zoom also can be used for community-based discussions, (Abdillah & Darma, 2020). Zoom webinar according to Mansyur, and Purnamasari (2019) is a seminar, presentation, teaching or workshop conducted online, face to face delivered through internet media and can be attended by many people in different locations. In webinar activities people can interact directly through pictures (video) or text (chat). Webinar learning is also a self-learning activity that is flexible, and appropriate.

### **Integrating Webnar Zoom Meet into Teaching and Learning**

Haddad, Wadi, and Jurich (2002) affirms that, online teaching gives a learner more opportunities to assimilate the concept through auditory and visual memory of human brain. So with webnar zoom, the number of inputs will be higher than the traditional one. Thus, it provides better output as well. In the last few years, online learning has started gaining popularity. Many platforms provide affordable courses to students via Massive Open Online Courses. Still a lot of institutions were reluctant toward online teaching and learning. A lot of people are introduced into a new world of online learning and remote teaching. Instructors indulged them in remote teaching via few flat forms such as Google Hangouts, Skype, Adobe Connect, Microsoft teams, and few more, though ZOOM emerged as a clear winner in conducting smooth teaching-learning programs, out of the list of online etiquettes that was shared with students for proper instructions and attending classes that were given to them (Saxena, 2020). This means that face-to-face conference instructions integrated themselves well in an online learning world. Barboni (2019) believed that, of course, the value of the face-to-face conference instruction method cannot be reduced, but can be used together with the traditional ethos to bring in efficiency,

effectiveness, and competitive edge over other competitors by imparting quality knowledge. Zoom meet methods and processes are really strong. It is student centered and offers a great deal of flexibility in terms of time and location. The methods enable us to customize our procedures and processes based on the needs of the learners. The zoom meet is effective and efficient learning environment. Educators can use a combo of audio, videos, and text to reach out to their students at any time. This can help in creating a collaborative and interactive learning environment. Littlefield, (2018) affirms that, webinar zoom meet is a synchronous learning environment is structured in the sense that students attend live lectures, there are real-time interactions between educators and learners, and there is a possibility of instant feedback.

Martin, (2020) suggest that, instruction, content, motivation, relationships, and mental health are the five important things that an educator must keep in mind while imparting knowledge. Therefore, some teaching strategies (lectures, case-study, debates, discussions, experiential learning, brainstorming sessions, games, drills) can be used via zoom meet to facilitate effective and efficient teaching and learning. For this, proper technique and learning support to be provided to teachers and students there is need for government support. Pedagogical and technical competency of teachers. Is of utmost importance. Thus, combining traditional method and webinar zoom face-to-face lectures with technology gives rise to blended learning and flipped classrooms; this type of learning environment can increase the learning potential of the students. Students can learn anytime and anywhere, thereby developing new skills in the process leading to life-long learning. (McBrienetCheng, & Jones 2009).

### **Benefits of Using Webinar Zoom Meet in Teaching and Learning**

Now, academic institutions can grab this opportunity by making their teachers teach and students learn via webinar zoom. The

people have always been complacent and never tried some new modes of learning. This will be a new phase for teaching and learning which will allow people to look at the fruitful side of webinar zoom. This is the time when there is a lot of scope in bringing out surprising innovations and digital developments. With the help of online teaching modes, we can sermonize a large number of students at any time and in any part of the world. All institutions must struggle different options of online pedagogical approaches and try to use webinar zoom more aptly. Videos, television and multimedia computer software that combine text, sound, and colourful, moving images can be used to provide challenging and authentic content that will engage the student in the learning process and also provide the opportunity to connect with real people and to participate in real world events. Durahman, & Noer (2019) itemise the following as advantages of using webinar zoom meet in education:

- i. Cost savings due to lower travel costs and travel time for both teachers and student.
- ii. Easy access of teachers and automatic registration of student through webinar software.
- iii. Time Flexibility is another interesting aspect of online teaching and learning; whereby both the teacher and learner can schedule or plan their time for completion of courses available online.
- iv. Location Flexibility
- v. Catering to Wide Audience
- vi. Wide Availability of Courses & Content
- vii. Immediate Feedback

### **Issues of Using Webinar Zoom in Teaching and Learning**

Online teaching and learning faces many challenges ranging from both the students, teachers and content issues. It is a challenge for institutions to engage students and make them participate in the teaching-learning process. Students and teachers across various institutions have never really practiced online learning. Most of them are complacent and are stuck with traditional modes of teaching. Not all the teachers and students have access

to all digital devices, internet, and Wi-Fi. Unavailability of proper digital tools, no internet connections, or iffy Wi-Fi connections can cause a lot of trouble due to which many students might lose out learning opportunities.

It is a trial task for teachers to move from offline mode to online mode, changing their teaching methodologies, and managing their time. More so, development of content which does not only covers the curriculum but also engage the students (Kebritichiet, Lipschuetz, & Santiago, 2017). In addition, emphasizing the use of “voice” in teaching in traditional in-class teaching, body language, facial expressions, and teachers' voice are all important teaching tools. However, once a course is switched to online teaching, body language and facial expressions are under restrictions as it is difficult to use these tools through screens

The challenges for students did not come from technical operational obstacles. Instead, they have difficulties due to the lack of a good learning attitude. Students often have problems such as lack of self-discipline, suitable learning materials, or good learning environments when they are self-isolated at home assess the student's access to internet connectivity. Specially, the students from rural and backward class. The students were expected to have a smart phone with 4G compatibility to enable streaming of the live teaching. Students have shown weak persistence in online learning, which seriously restricted their learning effectiveness (Li, Wu, Yao, & Zhu, 2013). for unexpected problems all the courses were switched to online education mode, the computer servers may not be able to host such a large scale of new users, the online education platform may often shut down because of overload. In order to solve all kinds of unexpected issues timely,

The superiority of online teaching and learning programs is a real challenge. There is no clear stipulation by the government in their educational policies about online learning programs. There is a lack of standards for

quality, quality control, development of e-resources, and e-content delivery. This problem needs to be tackled immediately so that everyone can enjoy the benefits of quality education via e-learning (Cojocariu, *et al.* 2014). One should not merely focus on the experts attached to the acceptance of online learning but should also take account of developing and enhancing the quality of virtual courses delivered in such emergencies (Affounneh, Salha, & Khlaif, 2020). A lot of time and cost is involved in online learning. It is not as easy as it seems, a considerable amount of investment is needed for getting the devices and equipment, maintaining the equipment, training the human resources, and developing the online content. Ensuring digital equity is crucial in this tough time. Bandwidth networking is required to support scientific research institutions. Owoseni and Dahunsi (2015) identify lack of adequate infrastructure on which the Internet runs such as electricity, fast Internet connectivity, backbone networks as critical barrier to online education. The Internet infrastructure are not readily available while the several technical and managerial cultures problems. According to Osuagwu, Okide, Edebatu, and Eze (2013), most internet access facilities are very slow, downloads are very difficult and takes much time which implies additional cost of application. This performance de-motivates users who need information for research but are not able to have them when they need them.

## Conclusion

In conclusion, the zoom meet webinar was seen to have great potential in the field of education. The integration face-to-face learning and e-learning gave the students and teachers more choice in Teaching and Learning (T&L). The use of zoom meet application in learning could help students and educators create and build their knowledge which to some extent was able to provide an interesting and more effective learning approach. Encouraging the use of zoom meet application among students will have a positive effect, as it is a medium of

cooperation that can involve students, especially in providing group assignments regardless of the distance and time constraints to meet physically. It is a technological innovation in the world of education that needs to be considered for its existence. However, the acceptance of an innovation in technology not only involves the use of a sophisticated and up-to-date software or hardware, but also is closely related to the level of use and effective methods or techniques in applying it.

### Recommendations

For webinar zoom meet to run smoothly and effectively in teaching and learning it is therefore, recommends that,

1. There is need for a high level of preparedness so as to quickly adapt to the changes in the environment and can adjust ourselves to different strategies of teaching and learning activities webinar zoom, for instance, the use of webinar zoom meet as means of teaching and learning activities in certain situations.
2. Educational institution should prepare contingency plans to deal with challenges such as attitudes of teachers towards resistance of change, incapability of use of computer
3. The government also needs to recognize the increasing importance of online teaching and learning in this dynamic world. And make provision for a lot of tools and make it available, for teachers to choose the best tool and implement it to impart knowledge to their students.
4. A step-by-step guide can be prepared by academic institutions that can guide the teachers and students on how to access and use various webinar zoom meet learning tools and how to cover major curriculum content via these technologies thereby reducing the digital illiteracy. Teachers can present the curriculum in numerous presentations, that is, they can use videos, audios, and texts all at the same time. It is of beneficial if teachers to complement their lectures with video chats, virtual meetings, and so on to get immediate feedback and

maintain a personal connection with the students.

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