
Emerging Trends in Online Teaching and Learning

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Abstract

Education is a process of self- realization. It curbs the animal instincts in man and shows him the way to realize his latent powers. It emancipates us from our oddities and infirmities, ultimately leading to the process of self – realization. Education is a process and product as well, which is fulfilled with the help of teaching- learning process. Teaching and learning both happens at the same time. It is a two way process in which interaction takes place in various forms i.e. One to one interaction, one to two, one to many, one to too many and also interaction among many to many. In traditional teaching method there were limited opportunities but online teaching has opened the door for the various new methods and strategies. During the pandemic when we all were worried about the study of our students, the online leaning has provided us a better platform. Learning became convenient and easily accessible for all the students irrespective of gender, class and creed. The present paper deals with the Emerging trends in online Teaching –leaning. For this the researcher has discussed with the expert of education field and collected the opinions of students of various disciplines of various institution located in Chandausi city.

Keywords:- Emerging Trends and online teaching.

Introduction

India has one of the largest education systems of the world. Especially if we talk about the higher education system, it is really enriched from an ancient time. Now in this global era when the whole world has become a global village we all are connected to each other. It could only possible due to the worldwide web. The World Wide Web is also felicitating to our education system. During the pandemic when we all were worried about the study of our students, the internet has provided us a better platform. Learning became convenient and easily accessible for all the students irrespective of gender, class and creed. Before the pandemic the education system was totally depend on traditional teaching methods and the knowledge was confined to the classroom only. But now over a period of the time our country has witnessed an enriched acceptance of internet or online classes. In the past few years many students and other professional have joined various e-learning platforms. So many new organizers have come into the existence in the online teaching –learning process, who is designing a number of new examination oriented applications. The students who were not able to afford the high level coaching classes are also availing the facility of online coaching classes for the competitive exam preparation. It shows that the day is not so far when the market of electronic learning will be multiple in numbers. Online learning trends help the students to learn innovation and enable them to continue their learning.

Online learning is providing us a facility of interaction between one –many. In which a teacher teaches to more than one or two students. Although it was also happening in Traditional Classroom, but

it is also more convenient online learning platform by sitting different places. Furthermore in online teaching leaning it could be possible to interact with too many students or learner at a time. It is like a miracle in the field of education as sitting different places we can connect with each-other. In traditional teaching a teacher was able to interact with a limited number of the students but now here a teacher can teach too many students at a time. Many to many approach, an innovative method of learning is the gift by educational technology and internet. Online learning is doing wonders in the field of teaching-learning. As apart from the traditional teaching we all can teach and learn as well at the same platform. It produces interaction among many to many which is going on very rapidly now- a- days. There are many learners and many teachers as well. When we have a conference in online mode there is always a panel of expert to teach us.

VARIOUS RECENT TRENDS IN ONLINE TEACHING AND LEARNING

There are many emerging trends in the field of online leaning

Blended learning

Blended learning has become a new trend in the field of education. The very interesting point about it is students love to follow it. Blended leaning is a mid- way of online and offline learning, in which students can do face to face interaction with teachers and when they are not available physically, can learnt through the online study material. As I talked to the B.Ed students, they told me that blended learning is more fruitful for them and they are more comfortable in this way of learning.

Traditional Board to Interactive Flat Panel-

This online learning has turned out our traditional board into interactive flat panel. Normal classes are converted into smart classes. Here are smart flat panel with special features and inbuilt programmes. With the help of this we can manage a class in a minimum time.

Traditional classroom to flipped classroom-

In the present time learning is taking place outside of the traditional classroom. Flipped Classroom is very popular among the teachers and the students as well. In Traditional classroom a teacher delivered a lecture than assigned the homework to the students, but now there is a change, class is always in interactive mode and students are assigned activities for classroom. They are indulged in classroom activities and their teacher is always there.

Learning outside the classroom-

Online learning provides us a facility to learn beyond the classrooms. Due to the online classes and technology students are able to learn from a distance. Learning is not confined to the fence or the classroom. Students are learning according to their pace of learning, and experiencing of a wonderful world of technology.

Gamification

Gamification of the class is also trending in the field of online- learning. It has become very popular among the teachers and the students. In this way of learning, various strategies and activities are designed for the students' more engagement. In gamification we can take the help of various rewards, coins, points and incentives to promote the students. It helps the students to become active and motivated learners.

Collaborative learning

World Wide Web provided us an opportunity to stay connected with each-other. We connect, discuss and share our knowledge with each and every one. In the online classroom learning environment,

teacher can promote the collaboration by assigning the work and duties to the students into groups. The students can team up and work for the completion of their project. Online learning encouraged to the collaborative learning, in which two learner and more than two learners learn together. They exchange and share their ideas. It enhances their collaborative skills as the quality content is discussed here with the help of expert.

Peer Tutoring

Peer tutoring is also a type of collaborative learning. Peer tutoring is an interesting strategy to learn together. In online teaching peer tutoring can be performed very easily. We can form a peer tutoring online study group. There may be a tutor and other may be tutee. They can exchange their role and reshuffle the duties. In this strategy students can learn better with the help of their peer, fulfill the task, achieve the set objectives and earn points to complete their assignment. It is helpful to enhance and improve their interpersonal skills.

Augmented reality and virtual reality

Classroom experiences have undergone a tremendous change. Learning has become much more immersive than traditional teaching methods. The augmented and virtual reality trends in the education technology are making learning a compelling experience. In traditional teaching students used to do simple hand on practices and do normal experiments. Now they can experience more lively and watch all the dimension of the objects in their own mobile or other devices.

MOOCS & SWAYAM

MOOCs (Massive open online courses) and **Swayam** (Study Webs of Learning for Young Active Minds) are providing wonderful opportunities for learners by sitting at their own places. These E- portals are the recent initiatives by the government to strengthen the digital India. The courses available on MOOCs and Swayam are in trend in the teaching learning process. These are the milestones by the government to empower the requirement of the learners to pursue online education without any hindrance.

VARIOUS PLATFORMS FOR THE LEARNERS

There are many ways which help the learners to prepare themselves for the different competition-
E- seminar & Webinar

During the very critical period of time Covid -19 no one was able to join seminars. So, the seminars have begun in the online mode and it is known as E- seminar and Webinar. In these days since last two years many webinars are conducted to make the learner concept clear.

Mock test series

Mock test series are also helpful for the competitive exam preparation of the students. The mock test provides the students a real situation experience. It improved their speed and skill. With these types of test series, students came to know about their weaknesses and try to improvement them. The candidate also familiar with the test pattern of competitive exam they are preparing to appear for.

Various applications

Many new applications have been introduced in the online learning platform. These apps are providing study facilities in form of PDF notes etc. Students can download the application and take advantage for their study. These applications are available for all age group children i.e. play group to higher education.

Online coaching classes

Now -a-days online coaching classes are also available. In which students can enrolled them to take the regular classes. These classes provide the facility of one to one interaction. Students attend the lecture of the mentor actively and in between ask about the problem too.

Recorded video lectures and audio lectures

Recorded video and audio lectures seems as a 24*7 hours live assistance for the learners. As they can learn from the world's best teacher any time anywhere. These recorded lectures are beneficial for students in solving unsolved papers and practice papers.

Online career counseling

Online learning platform is offering online career counseling services for the students. Students can connect with expert, discuss their problem and find the best ever solution. Those career counselors or experts, who were far from the approach, are available now online.

ADVANTAGES OF RECENT TRENDS OF ONLINE TEACHING LEARNING

To seek the opinion of the students towards online classes, classroom discussions among B.Ed, M.Ed and other U.G. P.G. classes students were carried out time to time. On the basis of their opinion the following chief advantage have been drawn out-

- **Bridge the gap-** Students opine that online learning is really helpful to bridge the gap between the teachers and the students. During the covid-19 period when everyone was locked in their home, schools and colleges were closed, it was the online platform which could connect us with each-other.
- **Self pace of leaning-** Many students said that online learning provides the facility to the students to learn according to their own pace of learning. As the lectures are being recorded, the learners can watch and listen it later on according to their convenient.
- **Time saver**
Most of the students are agreed with this point that online learning save the time of the students. They can do their work at home without wasting the time in travel.
- **Economic**
After a deep discussion with the student it could be found that to some extent, online content is economic as the students are not required to buy their books; all the study material is available in online mode. Here they can download the E-books and PDF without spending money. E-Books can be embedded with features to enhance the learning experience. All these facilities make the learning more flexible.
- **Flexibility of time**
The students also said that online learning platforms are like a boon for those people who have time issues in pursuing online courses. Due to the flexibility of time working professional can also attend the course with other works.
- **Quality of content and study material**
They said that quality of content delivered in online lecture is good and up-to the mark as there are various videos and pdf available which are well prepared by the subject experts and teachers. It was easy and more interesting to learn with the help of Power Point Presentation.

- **Affordability**

The students opine that online study material is affordable for all the students. According to their views it is found that online courses for undergraduate classes and for the postgraduate classes are much more affordable than the traditional classes. Especially for the girls students, who were not allowed to continue their study.

- **Immediate feedback**

B.Ed and M.Ed. students of N.K.B.M.G.P.G. College are found very happy and satisfied with the immediate feedback of online test and quizzes. They said that immediate feedback motivate the students and encourage them to participate more actively.

These are the advantage of online learning. So, the online learning platform is gaining popularity among the teachers and the learners in higher education .

CONCLUSION

The online learning and technology has changed the complete picture. The crisis has turned into the opportunity due to internet and ICT. The E- learning and ICT have been working since last few years but it became more popular during the pandemic situation. These new learning trends have much advantage for the teacher and the student as well. On the other hand it is very useful and applicable in business, other services and military or where is needed. Online learning tools and trends are available to felicitate the students it foster and support the learning process. Online learning trends are changing the learning ways it has shifted teaching to learning as we all are here working as an instructor and a learner also. In real sense it is a moving from memory to understanding. The focus of the learning is on the understanding more the memory. And understanding is supported with the application in the emerging trends of E- learning. This is also providing an opportunity to reflect on our thoughts and working strategies. When the learners are enabling to reflect on their works it encourages the questioning skill of them. The questioning skill is a way forward for the creativity as due to the questions, doubts and interrogation, we are enforced to find out the solution. In a nutshell it can be said that emerging trends in online learning are the bright opportunities to change the information into formation for the learners. As the learners of technical era would be capable to form and construct their own knowledge. They will proceed not only to explore the world but to explore themselves also. Online learning is a convenient method to delivering as well as receiving the knowledge.

REFERENCES-

- ❖ Anand, S. (2017). Online Education in India: Trends & Future Prospects. *Retrieved on January, 27, 2019.*
- ❖ Anderberg, E., Nordén, B., & Hansson, B. (2009). Global learning for sustainable development in higher education: recent trends and a critique. *International Journal of Sustainability in Higher Education.*
- ❖ Anshari, M., Alas, Y., Sabtu, N. P. H., & Hamid, M. S. A. (2016). Online Learning: trends, issues and challenges in the Big Data Era. *Journal of e-Learning and Knowledge Society, 12(1).*

- ❖ Carabaneanu, L., Trandafir, R., & Mierlus-Mazilu, I. (2006). Trends in E-learning. *Department of Mathematics and Computer Science Technical University of Civil Engineering Bucharest, Romania*.
- ❖ Dumford, A. D., & Miller, A. L. (2018). Online learning in higher education: exploring advantages and disadvantages for engagement. *Journal of Computing in Higher Education*, 30(3), 452-465.
- ❖ Liang, R. Y. H., & Chen, D. T. (2012). Online learning: Trends, potential and challenges.
- ❖ Spottswood, E. L., & Wohn, D. Y. (2020). Online social capital: recent trends in research. *Current Opinion in Psychology*, 36, 147-152.
- ❖ Steil, J. J., & Wersing, H. (2006, April). Recent trends in online learning for cognitive robotics. In *Proc. ESANN* (pp. 77-87). Heidelberg: Springer.
- ❖ Wallace, R. M. (2003). Online learning in higher education: A review of research on interactions among teachers and students. *Education, Communication & Information*, 3(2), 241-280.
- ❖ Wieser, D., & Seeler, J. M. (2018). Online, not distance education: The merits of collaborative learning in online education. In *The Disruptive Power of Online Education*. Emerald Publishing Limited.