

Further Development of the Distance Learning During the Pandemic

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Abstract: *This article describes the extent to which the distance learning system is being implemented during today's pandemic period and the stages of its further development.*

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Introduction

Distance learning is the process of acquiring knowledge and skills through the use of information technology, the remote exchange of educational information, the implementation and management of the educational process. Distance learning is the most important and increasingly popular form of modern education. The rapid development of information and communication technologies in modern conditions has created favorable conditions for the use of their potential in the educational process.

Today's pandemic period have once again proved that we need to further develop distance learning. The multidisciplinary field of distance education has been growing for decades, with new models and research emerging regularly to add to an already robust body of knowledge and expertise. Scholars have defined distance education as “planned learning that normally occurs in a different place from teaching, requiring special techniques of course design and instruction, communication through various technologies, and special organizational and administrative arrangements.”

Background of the topic

We can observe a number of shortcomings in the distance learning system today. In particular, the speed of the Internet, some shortcomings of online platforms are clearly visible. Of course, there is a strong emphasis on the gradual correction of these shortcomings and the use of effective mechanisms.

In order to increase distance learning effects what should we do?

Firstly, ensuring a high level of internet quality is one of the most effective mechanisms of distance learning. because the speed of downloading any useful and necessary information, videos, books on the Internet depends on the speed of the Internet.

Secondly, further improvement of moodle platforms, which are widely used in the form of distance learning. As we know, today all universities and institutions have their own moodle platforms. Students should do all tasks on the moodle platform which were given by their teachers. Further simplifying platform systems and creating systems for requirements.

Thirdly, developing the easiest and most convenient programs in the online learning system. Of course, they can save student's time and very convenient for using.

Fourthly, allowing multiple entry and re- entry points. If students encounter some problems once, they will have extra chances in order to do and submit necessary tasks.

We can see the differences and advantages between traditional and distance learning in the picture above . It is clear that distance learning also has a number of advantages and we need to develop it.

For those who do have access to the right technology, there is evidence that learning online can be more effective in a number of ways. Some research shows that on average, students retain 25-60% more material when learning online compared to only 8-10% in a classroom. This is mostly due to the students being able to learn faster online; e-learning requires 40-60% less time to learn than in a traditional classroom setting because students can learn at their own pace, going back and re-reading, skipping, or accelerating through concepts as they choose.

Nevertheless, the effectiveness of online learning varies amongst age groups. The general consensus on children, especially younger ones, is that a structured environment is required, because kids are more easily distracted. To get the full benefit of online learning, there needs to be a concerted effort to provide this structure and go beyond replicating a physical class/lecture through video capabilities, instead, using a range of collaboration tools and engagement methods that promote “inclusion, personalization and intelligence”, according to Dowson Tong, Senior Executive Vice President of Tencent and President of its Cloud and Smart Industries Group.

Since studies have shown that children extensively use their senses to learn, making learning fun and effective through use of technology is crucial, according to BYJU's Mrinal Mohit. “Over a period, we have observed that clever integration of games has demonstrated higher engagement and increased motivation towards learning especially among younger students, making them truly fall in love with learning”, he says.

Conclusion,

There are now some alternatives to online learning in which students in less fortunate situations could participate. It is expedient to make extensive use of the above-mentioned techniques and to develop more useful mechanisms. Because, Distance learning is a way of learning remotely without being in regular face-to-face contact with a teacher in the classroom. Nowadays most students are taking their some degrees via distance learning. The pandemic period proved once again that distance education is very important for us and we need to develop it step by step.

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