

Past coronavirus pandemic world. The impact of the COVID 19 to education in Uzbekistan. The pupils and students learning needs in the post period of the pandemics.

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***Annotation:** This paper covers the education needs and analysis for the learners in both public and higher education students. Mainly it covers the impact of the pandemic period for the students, such as chances and possibilities to them. It covers the PESTLE analysis on key factors, political, economic, sociocultural, technological, legal and environmental sectors in the higher education system in particular in Uzbekistan in the post pandemic period. This article makes the research on the experience on education system; also what new possibilities does this period provide to the learners. here readers can also find the issues that are risen in the post COVID 19 period for both teachers and learners.*

When we look back to the past years especially the year after the 2018, there is a complete change in every sphere due to the virus that put a danger of the people's health all over the world. According to the definition of WHO (World Health Organization) Coronavirus disease (COVID-19) is an infectious disease that is caused by the SARS-CoV-2 virus. As it is seen from the definition this virus is considered one of the unfamiliar type to the science, for this reason each country around the globe locked down. That caused a great issue in every sphere of the economy in each country, especially in education system all over the globe.

This virus was firstly recorded in China, in mid –November. Initially, it was thought as usual mutation of some viruses, which was closer to this type;

however, it was different type of virus to the science. The first fatal case by COVID-19 was the 61-year-old woman from Wuhan, China in 2020. The pandemic case was reported by WHO on 30 of January in 2020 in the State of Kerala, and it had a huge impact to the tourism in Wuhan, China (Wikipedia). The first death case due to the COVID-19 was reported in Uzbekistan on March 15, 2020. More than 5 million people have been infected with this virus; still there are several cases by this virus. It is not the end , there are several stamps of COVID-19, they are also in some cases have the fatal cases. The impact of this issue is noticeable seen in education. More than 90% students worldwide were affected during the lockdown; in particular, it started from April 2020 (UNESCO report) due to the virus, pandemic situation the WHO advised to create the social distancing as the part of the prevention, as this virus can spread very fast. For this reason schools, colleges and the universities closed. All classes and exams were delayed or postponed. In Uzbekistan, 2020 all exit tests for pupils who were graduating the school were postponed. That year remained as without examination in people's memory.

COVID era changed the world completely, providing the opportunity on new digital era. This period in human's life has created new openings in education system, it taught people to manage and handle problems in fast and effective way(. Gavil et al.,). It has given the prospect to continue the education process for both tutors and learners. Teachers all over the world have carried on teaching via different digital application, assessing their learners task in online mode, further it has helped them to develop soft skills on both educators and learners.(. Gavil et al.,) the most used apps during the pandemic period have been Zoom, Google meet, Youtube and some social media application such as Telegram, WhatsApp and others. In central Asian countries in particular Uzbekistan most used social media in teaching remained as Telegram, as this app considered one of the approachable and affordable one, almost all can use this app and upload and download the information.

Education during the pandemic period in Uzbekistan

In order to prevent of the pandemic COVID -19, the Uzbek government has taken several measures. One of them is to close all education places such as schools and institutions from the beginning of this pandemic period. From 15 of March 2020, by the Ministry of Public Education, also Ministry of Higher Education announced the lockdown, and starting of the holiday period for all pupils and students. Further, those who studied in different regions or capital city in Uzbekistan were sent immediately to their hometown. The authority organized transport , which were free of charge. One of the initial reason was to protect the citizens' health. After the 1 st of April, both public and higher education ministries released the further action, which was connected with providing continuous education for pupils. Ministry of Public Education set series of programs for classes from 1-11, in different specialized classes, Russian and Uzbek classes. It should be mentioned that all programs were broadcasted on affordable TV channels, the time of these TV classes were announced via Telegram channels or on the TV channels before starting time. The programs were organized in primary classes and higher classes on different TV channels. The teachers from different schools were involved to this process, during the pandemic period they organized the transport for them, as transport system was also restricted in the country. Students who studied at universities were taught via Zoom video conference, also some video classes were sent to the special applications later, they downloaded classes and sent the tasks for their tutors.

Beneficial sides of COVID-19 on education

One of the positive effect of pandemic era on education is moving to the blended learning. Education system of Uzbekistan presented handling difficulties and challenges in this period. By creating new opportunities to learners, they experienced opportunity for transforming from traditional education to digital education. People who involved on teaching encouraged both teachers and learners to become more technology savvy.

-adopting and reading soft copy learning materials: one of the positive side of this period is that people accustomed using the e-version of books for their learning need, it opened new approach in learners life, such as saving time, saving the environment.

-collaborative work, especially in the teaching sphere, it has been considered as beneficial for people who have connected their life with teaching. In the lock down period most teachers in Uzbekistan organized more online meetings in order to share some experience.(Educationasia.in 2020)

-organizing more online meeting via several platforms were also a massive opportunity for them. Still people prefer to participate online rather than offline conferences. One of the reason for this preference is it is timesaving, affordable in every corner of the world.

-people also learned how to use the digital technology and implement it to their class.

- Learners all over the world learned how to manage their time in the pandemic period .In addition they had much time to self-study.

-Distance learning was in the leading position in this period, except this many online courses libraries opened the access to the visitors. One of them courser online platform, where more than hundred courses were available for the people who would enhance new skill and knowledge. More than 100 teachers in Uzbekistan were trained or retrained in particular discipline.

Negative impact of COVID-19 on education

Within the positive impact of COVID-19, there are some negative impacts of this pandemic period on education and lifestyle of people.

-due to the canceling classes in both school and universities, all exams either postponed or delayed at all. These exams both graduating and entering exams. Because of the lockdown in Uzbekistan 3 semesters at universities were transmitted to the online teaching that means it caused huge gap in student's mind. Later, it presented as the form of aggression during the offline mode

education. According to the statistics by Government Statistics Committee in 2021 after moving the offline mode learners were less prepared more aggressive, due to spending too much time in front of the screen, this habit made them addicted to the digital world.

PESTLE analysis of post COVID period on higher education

This analysis is done by selecting and reading some materials on this pandemic era, it is analyzed

Within several categories:

Growing student acceptance of online study:

-In the post- pandemic period it is observed most universities started offering online courses for applicants: as blended learning proved one of the efficient and affordable type of teaching and learning (Economic and Social factor)

-Most courses and new skills are offered by online platforms, as it is explained in better way by professionals.(Social factor)

- most offered courses or disciplines cannot be either learned or taught by watching some fragment of the video, also learners need at least a laptop, and the Internet in order to access these courses. (Social, economic, Technological factors)

Conclusion

The pandemic period all over the world effected immensely to the education sector all over the world in particular in Uzbekistan. By creating many challenges and difficulties, it gave the opportunity to survive in this period. It gave the chance to adopt new digital technologies and applications into the teaching and learning atmosphere. These digital technologies have become the part of the teaching in the classroom. Even though, it had an immense chance to learn some new skills most learners in Uzbekistan are remaining without high speed Internet and usual personal computers. Due to this, they still prefer to have face-to-face learning rather than blended education.

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