

# The Pandemic as A Key Factor in The Transition From Real Life to The Virtual World: The Development of Technology

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**Abstract:** *The pandemic caused by Covid-19, along with its impact on the economic and social system of the countries of the world, also served as an impetus for the wound of the next digital world. In particular, in the near future, the pandemic is expected to radically change the work record of governments and organizations. The symptom of the disease suggests that those who feel it should be quarantined on their own and work remotely from the traditional system of performance, so that the cases of infection do not escalate. Corporate executives, managers and employees face challenges in implementing such an unexpected change. In this article, we will talk about the effectiveness of working from home in times of crisis, the role and importance of the virtual world today, and at the same time about the problems in the field, what problems and achievements the acceleration of the digital world will bring to humanity.*

**Keywords**— digital generation; distance learning; virtual world; crisis era; remote control; educational platforms; pandemic; hybrid technologies

## 1. INTRODUCTION

In fact, the COVID-19 virus, recognized today as a global pandemic, has had a huge impact not only on the World Health System, but also on the economy. In particular, until may this year, thousands of enterprises and organizations announced the official bankruptcy. After this, millions of people were left without work. True, many organizations and enterprises have transferred a large part of their business activities to remote operation. However, those who could not cope with this, faced the above situations. In response to the uncertainty caused by COVID-19, many companies and universities are asking their employees to work remotely. Even in the US, which until now is considered a Gigamon state in the world, almost a quarter of the workforce is already working from home, the new policy has made many workers and their leaders work separately from each other for the first time, forcing them to work remotely. In crisis or other rapidly changing situations, it may not be possible to achieve the expected level, although it is desirable to pre- introduce the policy of remote operation and preparations for it. Fortunately, there are certain measures based on the study. While there is little time to prepare, managers will be able to apply them to improve the efficiency of workers who work remotely without great effort.

## 2. MATERIALS AND METHODS

On the example of the Republic of Uzbekistan, the activity of many large and small enterprises has ceased, the Working Time has decreased, the closure of shopping centers and restaurants, the cancellation of flights and hotel orders, the transition to the remote operation regime in enterprises and organizations leads to a certain decrease in the growth rate of our economy. Also, people who do not have a stable

job, that is, employees such as sellers, waiters, kitchen staff, freight forwarders, sweepstakes, have had to quit their jobs. In addition, labor migrants operating in foreign countries are also now unable to work in connection with quarantine, and in turn are unable to send money to their families. The result will lead to an increase in the level of poverty in the country.

It should also be noted that the cause of the pandemic has sharply increased attention to digital technologies all over the world. The importance of such concepts as the digital economy, digital technology, virtual environment is increasing day by day. Billions of people in quarantine, of course, remain subject to appeal to digital technologies. In particular, the education system has changed, the demand for delivery services has increased, there has been a competition of convenient and economical software, and so on.

Currently, the coronavirus is tattooing with unprecedented persistent cruelty. It is increasing in terms of geometric progression. For example, in large countries and cities of the world, the number of new patients is doubled every five days. Today there is no clear cure for this disease. The fact that patients are increasing day by day is the reason that medical devices are not enough. The Departments of resuscitation are filled with extreme patients. To find out how widespread the infection actually is, or, at least, to slow the spread of it, too, the tests are not enough. As for the successful vaccine, it is noted that it is necessary to wait at least from 12 months to 18 months. In such cases, of course, there will be panic, confusion in the lead roles.

The World Health Organization is doing serious work to prevent the rapid development of the crash, and the fight against the virus, including in our country, is intensifying.

The American scientist Henry Kissinger recently posed such questions in his article about the future of the pandemic:

“will Americans manage themselves as a people?” and “will they win over him after slowing the spread of the virus?”.

The above questions do not concern not only Americans, but also the world population?! Do you think that, although, after humanity has found a vaccine against the virus and overcome it, all will again fall in its place? In my opinion, no. Not only the way of life of people, but also new views and mutual troubles are emerging, and it has also come out of it. A simple example is that much of the age-old way of life is almost on the eve of extinction. People are now afraid to see each other with their hands clasped. Getting used to talking while maintaining a certain distance. Anti-crisis actions, no matter how ambitious and necessary, should not interfere with the launch of parallel activities in order to move from the coronavirus to the post-regime. But it remains a bit of a challenge to get out of this.

Officials approach the crisis mainly nationally. However, the feature of the cunning virus that breaks down societies does not recognize the boundaries of the world. This attack, which is aimed at the health of people, we hope, will pass quickly. But the political and economic crisis that followed it could continue for several generations. No country can overcome this virus only with national activities. Meeting the needs of the current era should eventually come from the point of view of global cooperation and program. If national and global activities are not conducted at the same time, we will be defeated in both of them. That is, it is impossible to win over the virus unless the countries of the world work in solidarity.

### **3. DISCUSSION**

We noted that the use and digitization of hybrid technologies during the pandemic period is the main factor. So, today's imply the creation of a lot of convenience, from the relief of pain to the relief of people. Virtual education will be the best solution, especially when it comes to billions of students and students. In education, it basically functions as a communication between the student and the teacher based on computerized data from a hybrid learning system. Students' interest in technology is much stronger today than paper and pencil. In fact, the technical means of teaching pandemics were widely used in all types and forms of education, and only the pandemic caused it to accelerate. Their types and methods of introduction into education are increasing day by day. At all stages of continuing education, experiences of using technical means of teaching were formed for a while. But it should be borne in mind that, despite its active application in the educational process, the technical means of teaching are only auxiliary didactic tools. In traditional education, the teacher has the most basic place. It is very important that the teacher has a lively (understanding of each other) communication in the delivery of information to the student. However, the need arises from the difficulty of finding a specialist in the field. The main content of the hybrid system is that it allows you to conduct the course process between the student and the teacher online. This includes not only the passage of lessons on an online

computer, but also interactive techniques, software and Electronic Library. Frankly speaking, the hybrid teaching system is considered to be a system that forms virtual communication between the student and the teacher.

The whole sphere as a result of the pandemic will certainly see tremendous damage in the last hundred years. Digital technologies can only help in some areas. But all countries are taking adequate measures to combat this. In particular, in our country, the decree of the president of the Republic of Uzbekistan № PF-5969 of March 19, 2020 “on measures in the first place to mitigate the negative impact of the coronavirus pandemic and global crisis situations on economic sectors” was adopted. Proceeding from this decree, it is envisaged to implement measures to support and ensure their stability in the rapidly developing sectors of the Republic's economy, such as tourism, transport, pharmaceutical and textile industries, the most affected by the negative consequences of the pandemic.

### **4. CONCLUSION AND ACKNOWLEDGEMENTS**

Hybrid technologies can include not only in education, but also in many areas. It is important that this system is such that the user has the opportunity to learn alone. That is, many noted that the virtual scientist stressed that it makes a person feel free and feel responsible in himself. The possibilities of the Virtual world are endless. In such cases, almost no understanding is observed. The main thing is to save time. These technologies are used by almost all employees of large companies today. While teaching based on the hybrid learning system, the transition to Laboratory Training offers a wide range of opportunities for students' creative pursuits, at the same time with a high level of visual acuity and rapid acquisition of knowledge.

Unification, exchange of information with the aim of a deeper study of nature, the development of Science, Technology and culture leads to the growth of the level of universal material provision. Therefore, the strategic goal of introducing modern perspective ICT into all aspects of human life is an indicator of the creation of a closely interactive information space.

In place of the conclusion it should be noted that the pandemic ends one day but its symptoms do not disappear also. Mankind began a new history after the Second World War. For us, the virus can provoke the onset of a new era. The Virus paved the way for the deeper penetration of technology into our lives. Scientists always hypothesize that technologies with artificial intelligence become the beginning of our history. Perhaps in the future, technologies will really pass through human thinking. But even if this is 100% known to us, we will continue to develop technologies anyway. The Virtual world is also a favorable environment for us at the same time. It is doubtless that the world that surrounds us because of the coronavirus pandemic is completely different from the social and economic relations. For object reasons, the complex situation that has arisen is making new demands

on each of us. Now a new era of thinking and performance has become a requirement.

## **5. REFERENCES**

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