

DIGITAL ERA: OPPORTUNITIES AND CHALLENGES FOR EDUCATION

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1. Introduction

We have lived and worked in an era when everything can be digitized conveniently. They are close things such as pictures, videos, books or records, information papers of an individual, a group or an entire country. Some companies are even developing technology to implant chips into the human brain to exchange information between humans and computers. Nowadays, accessing and exchanging information has become extremely easy. Any individual can access a lot of information through personal smart terminals. Therefore, in the digital era, there are many opportunities for each individual, each organization or each country to develop. However, along with opportunities are always challenges. If you are not able to catch up with the development of the times, you will be deeply behind. The education sector is no exception to that rule.

2. Digitization in education

In the digital age, learning has never been easier than it is today. Learners can easily access a lot of knowledge in many different fields from many different sources. Besides, they can also easily share the knowledge gained with others through many types of online sharing. Everyone can now become a channel for sharing information and knowledge. Teaching and learning can now be conducted in different ways such as face-to-face or online learning. Even, each person can study at any place on earth without having to go there directly. The explosion of information helps science and technology develop very quickly. Since then, a lot of teaching aids have been developed to make it easier to teach knowledge of teachers and study of learners, increasing the effectiveness of the teaching process. Now, audio-visual technology is not only simply viewing ordinary pictures and videos, but it also can reproduce everything in three-dimensional space through virtual reality technology. By this technology, objects can be viewed from any angle as if viewing an actual object. Some systems even can simulate sound and smell exactly.

Besides the advantages mentioned above, there are also certain challenges for education in the current digital age. Firstly, having too much information flow can be confusing for learners. Even, there are also bad sources of information that can lead to misperceptions for young people. Therefore, the education sector must have the task of filtering and orienting information flows for learners. This seems like a simple task, but in reality it is extremely difficult in today's information explosion. Secondly, the diversification of training forms (face-to-face, online) also creates new requirements for

educational institutions. It requires equipment, internet connection as well as human resources to perform. With the new form of learning, the old teaching and learning methods can hardly achieve high efficiency. Thirdly, in the digital era, there are many new technologies, it is necessary to know technological knowledge for people to work in the education industry because if you do not understand, you cannot teach students. There is requirement in equipping facilities so that learners can access new technologies in the learning process. It requires training institutions to have appropriate and flexible policies, and to strengthen exchange cooperation with employers. Fourth, in school, there are many softwares used to manage education, scientific research and human. Teacher can get information of their student, manage mark of subjects or communicate to their colleague easily. Therefore, many papers and referendums are canceled. Every things become more quickly and efficiently.

3. Conclusion

In conclusion, with the opportunities and challenges in the digital era, the human has become more important than ever and needs to be developed. Because in any field, people are always the center, all tools are created to serve different purposes of people. Digitization is also to help people more convenient in the work, thereby helping to improve labor efficiency, promoting social development.