

Education and Modern Technologies, Their Positive and Negative Impact

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Date of Submission: 10-12-2021

Date of acceptance: 24-12-2021

The initial research question prepared for this research is:

RQ: How modern technologies could impact the education system across the world?

This is the initial research question prepared for the given research in which the main focus is on the study of impact of using different types of modern technologies in education sector. This research question will allow us to analyse the positive as well as negative impact of using modern technologies. It is prepared by considering both the aspects of modern technologies such as benefits and limitations. The given research question is prepared by studying relevant studies in the chosen domain from which it is analysed that a number of technological tools have been deployed for education such as electronic whiteboards, flipped learning, virtual field trips, projectors, laptops, distance learning and many more.

Modern technologies have impacted almost every aspect, including education also. In this technological era, classrooms have been transformed to the student- centred from teacher- centred by focusing more on the students so that they can learn easily without facing any difficulties. A student- centred classroom refers to the classroom in which the overall learning responsibility is given to the student with the purpose of allowing them to get available independent teaching on their subjects. Along with the easiness provided by modern technologies to students and teachers, it has also made the education easily accessible to a number of students with the help of e-learning platforms and other online sources (Chicioreanu, Ianos, & Danielienè, 2019). From this, it has been found that adoption of modern technologies for education create engaging learning environment as well as enhance the collaboration by incorporating different types of learning styles. In addition to this, it also boosts the motivation among students as well as allow them to self- pace, which is very important in this era of high competition.

As per the study done by me on the chosen topic, it has been observed that there is a need to identify the solutions to overcome the negative impact of using modern technologies. By considering this problem, the final research question is prepared:

RQ: What are the positive and negative consequences of adopting modern technologies in education sector? What strategies or solutions could be deployed to manage the negative impact of using technologies for education?

The given research question will help in exploring the negative as well as positive impact of adopting modern technologies in education sector. Along with this, it will also help in studying the solutions or strategies that could be deployed for the elimination of negative impact of these technologies. Some of the negative consequences that can be raised with modern technologies include security, privacy, cost of education, loss of data by the students due to computer malfunctioning and other technical problems and so on. This research study will provide the solutions that can be deployed by the students, teachers and other educational institutes to make the use of modern technologies successful in all aspects (Stukalenko, et al., 2016).

From this research question process, I learned about the selection of interesting general topic and the way of conducting preliminary research, which is important to formulate the correct research question in the chosen area of interest. In addition to this, I also found that the research question should focus on the current problems rather than considering the problems already resolved in past decades.

REFERENCES

- [1]. Chiciooreanu, T. D., Ianos, M. G., & Danielienė, R. (2019). Education and modern technologies, their positive and negative impact. In *The International Scientific Conference eLearning and Software for Education* (Vol. 3, pp. 185-192). " Carol I" National Defence University.
- [2]. Stukalenko, N. M., Zhakhina, B. B., Kukubaeva, A. K., Smagulova, N. K., & Kazhibaeva, G. K. (2016). Studying innovation technologies in modern education. *International journal of environmental and science education*, 11(15), 7297-7308.