Impact of digital education on traditional education

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Abstract. The traditional learning methods were based on schools, print media and teachers. The learners first enrolled themselves in schools to reach teachers and libraries. Contrary to the digital era knowledge and education was not accessible to the most and majority of the people even those to whom it was accessible were unaware of the current situations of the world as they were unable to obtain current world affairs related news as compared to the modern and digitalized world. Digital education replaced the traditional education. People want to know that what is happening around them how and why is it happening. Modern world has moved from information to knowledge society. Education is given the highest rank and priority by almost every state and organization. Educated students became the vulnerable assets of their state. Advance inventions in technologies made education more accessible to people. Information reaches with a speed of light from one place to another. This paper aims to explain the digitalized education and its impacts over traditional education, and will briefly explain the major developments occurred in digitized education and its impacts on today’s students.

1. Introduction
The effective use of digital technologies in higher education is an important research topic from both scientific and practical points of view. Learning in digital learning environments is characterized by the provision of learning materials that are independent of time and place, and wide access to learning materials. In addition, the digital learning environment also supports educational opportunities for all types of learners and enables digital learning. Educational researchers from a variety of disciplines are trying to identify the success factors of digital media learning in higher education. One of the main goals of higher education is to increase the potential of students to achieve high quality results and to support them in applying their knowledge to meet future challenges in professional life. Thus, research on the use of digital learning environments in higher education should place particular emphasis on learning outcomes as a precondition for assessing learning success. According to Russian backdrop, in traditional system two types of education exists that is formal and non-formal education. In formal education, traditionally schools and village level education was included in this category and in non-formal education, education was disciplined in libraries and mostly this type of education is getting from newspapers and books.

Teachers conveyed the formal education by using notes or textbook. The students enrolled themselves to the places that provided the formal education. Libraries also provide learning facilities to students to enhance their level. A teacher educates others so it’s a very respectful profession in our society. Due to their knowledge and respect by the people of the society this profession is also included in social service tasks.
With the emergence of commercial and industrial cities people left villages and they went towards cities because there is more employment rate and better education system in cities as compared to villages. The new schools were created in villages. Therefore, in cities the teaching profession is not included in social services on the other hand they become a commercial business [1].

In digitalized education, students rarely visit the educational institutions and all their work have done from home. Teachers also give them tasks that is solved in a soft form and submit through different apps or emails. Now a day’s online educations are spread throughout the world and give students another modern experience of learning through their mobile phones and computers.

2. Impacts of digitalized education over traditional education

The methods of teaching in the higher education changed excessively during the last 15 or 20 years. While some professors who still believed in old and traditional education stay bound with “Talk and Chalk” technology. Now a day it’s a very unbelievable thing that the professors don't use any type of modern technology or some other modern system equipment’s in the class room. Many more information about any subject is available on the internet sources such as Google, Wikipedia, and YouTube. Students can also learn from these sources and there is no need to go to the institutions for higher education. The online education has created a vast variety of many new courses, and due to this so many students registered themselves in the academic institutions [2].

New methods of teaching are developed and the place of traditional education is taken by communication and many information technologies such as satellite transmission, PC software, cable and CD-ROMs. This huge variety of new information and technology increased the availability of education to the rest of the world. For Example, University of California (UCLA) offered 50 new courses from home networking and reaching to 8 countries of the world including 44 states of US. In California Stanford University prepared online engineering program for the very first time and give Master's degree to their students in electrical engineering through online education system. Similarly, (MIT) Massachusetts institute of technology in Boston offers many new online courses for graduate students. Therefore, the countless universities in the whole world are busy working on their online educational system [3].

There is no doubt that countless students are enrolled himself in the online classes so the students of online classes are increasing faster than the students “on campus” from last few years. There are many advantages of online education that students in online classes rarely visit the campus so the area of car parking, traffic problem are not faced by the students. At this time in the whole world the online teaching system has been view as a “win-win condition” for all the universities that are involved in this educational system [4]. The dues paid by the online students is almost same as the dues paid by the students who studying in the campus. On the other hand, there are many disadvantages of online education also. In this system students cheat from many resources and also take outside help there is no guarantee in online classes so the major disadvantage of this education is its less faithful. Computers can handle the time only they don’t show that the person who receives the question is same as the person who provides the answer to that question so there are many flaws in online education that we need to overcome [5].

Digital achievement helps educators reduce desk work by replacing textbooks and reports with workstations or tablets with all the academic data they need. Students’ homework assignments, except in cases where rare teacher guidance is required, can naturally be limited by software tools. Students are also increasing their clear benefits. Best-in-class digital achievement allows you to work on any task or assignment in a group, exchange views and views with your teacher and classmates, plan your own life journey, and report better results in a shorter period of time.

A recent survey shows that there is more importance given to online education system in USA and in many other developing states. A rough estimate shows that probably 4 million students gets education from online resources in US. Navigation of productive online education therefore provides the ability to invent and coinage the pedagogy, answer positively to the student's problems, keeping low their budget and enhance the levels of online education.
3. Methodology
Methodology is a comprehensive strategy in a digital education known as “Touch the Future” the main aim of this strategy to enhance the digital educational process in the rest of the world.

Digital technologies bring many changes in the education system it helps teachers to reduce their paper work, all exercises and reports of the students are replaced by laptops and there is no need of hard copy in digitalized world all works and assessments are provided in the hard form. Technology made possible for students to work in the group like they discuss their projects with their fellows by many apps such as Google classroom, Zoom, Google meet etc. According to scientists as the time passes there is no need of lectures to do in a hard form digital format will enhance the online lectures and each student get their material from the internet [6].

We can say that due to the digitalized education the value of traditional education is not ended. Both have their own advantages and disadvantages. Throughout the world both systems exist but now days focus on the digital education increases due to this pandemic COVID-19. All schools, colleges and universities in the rest of the world is closed and all institutions teach their students through online education system. If they follow the traditional system, then it’s impossible for institutions to give proper knowledge and time to their students. So it’s the advantage of digital learning that all things run smoothly when there are all traditional institutions are closed. Therefore, we can say that there is a huge impact of digitalization on the pedagogical aspects of traditional education [7].

4. Conclusion
In the mid-19th century there was no concept of online learning and digitalized education system. At that time tradition way of learning is very common students went to specific institutions and get knowledge from their teachers. Teachers also worked as a social worker and they not only teach students in specific institutions but they also give them knowledge outside of the schools for their better brainstorming [8]. When online learning systems developed and introduced in society most of the people does things by using computers and through this the concept of online learning and education arises. Firstly, online education was only used for research purposes like in the subjects of history etc. But with the passage of time many powerful and modernized countries transformed their traditional education system into digitalized one. As we see in the current pandemic if countries didn’t develop their online education system then the students from all over the world (mostly in Middle East) suffers a lot. In these condition international universities offers many online short courses or plans for the students to utilize their time in a productive way or to get education from home. Many offices and organizations are also closed and they offered their employs to work from home. Therefore, in this current scenario the digitalized education is very useful. Student’s education is still continued, universities are taking online tests, exams, quizzes even admission are opened for new students and their interviews will be held online [9]. Online learning students and campus going students both are taking advantage from the digitalized education process. If countries didn’t develop this system and only follows the traditional system of education, then like the current time there is and will be a huge loss for many companies and other organizations because all institutions and organizations are closed. Therefore, we can say that there is a huge impact of digitalization on the pedagogical aspects of the traditional education. [10]

5. Recommendation
No doubt, the stakeholders of online learning are gaining more profit from the convenience they had created. Surprisingly, online sections for education are enrolling faster more students than the campus based sections in few last years. However, the online education class system is also facing some serious issues [11]. Educational changes need to be specific in the manner in which teachers are aware of learners’ connections in order to improve their own faultless learning approaches. Teachers must continue to help students become active members as well as creators of their own imagination and character. Advanced education is essential to stay in touch with the world and understand what’s going on. However, given the growing importance of modern education, traditional education is being ignored, which is wrong. If we completely abandon traditional education, our usual way of life will disappear.
If the enrolled student aims to cheat the system, they can break the discipline and take help from outside; there are few guarantees of security as compared to campus education. While computers are used for test taking, computers do not detect the receiver of an exam or the actual enrolled student and an outside person or a provider of answers in exams through computers. Some kind of oaths or written promises can be helpful in this situation however there are some online apps used to remove plagiarism without being utilize their own efforts students used technology for this purpose which should be completely banned for the better future of students [12].

Second method for guarantee security in online class system, campuses should conduct exams in a secured environment for testing. But managing outnumbers of students and scheduling exams for each and every student in a very large class is no less than a nightmare.

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