Use of Blended Learning for Combining Digital Learning Tools with More Traditional Classroom Face to Face Teaching in Educational System

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Abstract

Research article sheds light on the concept of blended learning in the educational system of India. Therefore, blended learning is a type of learning process which supports the combination of the tools of digital learning and face to face education. The educational system of India is developing by using several components and the uses of digital learning tools for developing educational systems can be noticed. Thereafter different types of digital learning tools such as mobile internet laptop computers are now used by educational institutions as well for developing their traditional education system. Thus, the purpose of this particular research article is to describe the usage of the blended learning process for developing the educational system in India. Mostly the process of traditional education is used in the institutes of India but during the pandemic situation while the education of the students was stopped then the uses of online education increased.

Therefore, the use of online educational tools and digital applications for continuing education became important at that time. Furthermore, the use of several digital education tools impacted the productivity of the students positively and because of that the use of digital educational tools in the traditional education system is increasing. Moreover, the researcher has adopted several methods and techniques for gathering data and analysing them in this specific research article. Therefore, the researcher has adopted the secondary method for gathering data through several sources and the qualitative method for analysing all the data in a thematic way. The data and information about the concept of blended learning is analysed in this specific research article properly.

Keywords
Blended learning, combination, educational system, face to face education, traditional learning.

INTRODUCTION

Blended Learning is a process that supports the combination of online education and traditional education. Therefore, **traditional education** refers to the learning process that requires face to face interaction between teachers and students. Apart from that online education refers to the learning process that requires some components such as mobile laptop computers and others for learning and it does not require face to face interaction. When the components of online learning are used in face-to-face education then it is called blended learning. Furthermore, the use of **blended learning** in several educational institutes is increasing day by day in India. There are several beneficial sites of the blended learning approach, and this process impacts the productivity of students largely. The specific research article is based on the concept of blended learning and its impact on the educational system.

On the other hand,*the purpose of this research article is to analyse the importance of blended learning in the educational system in India*. Apart from that, the increment of using online learning during the pandemic situation and its impact on the educational system of the country is analysed in this research article. Therefore, so many educational institutes are using several components of online learning in their *traditional learning process* for modernization. The impact of modernization of the teaching process is analysed in this research article. In addition to that the researcher has used several methods for collecting data and describing them and those methods are also analysed in this research article. At the end of this research article a summarisation of all the findings are analysed.

Modernization of Teaching Process in Educational Institution

Modernization of the teaching process supports the usage of several digital components in the educational system. The use of modern technology in the teaching process is called modernization of the teaching process. The use of modern technology in education has increased during the covid-19 pandemic situation in India and that impacted the productivity of the students positively ([2]. 2020). Therefore, the use of modern technologies in the traditional learning system of India will help to increase the effectiveness and efficiency of the educational system of the country. The educational institutions can use computers, internet, and other components in their traditional learning system to modernize the teaching process.
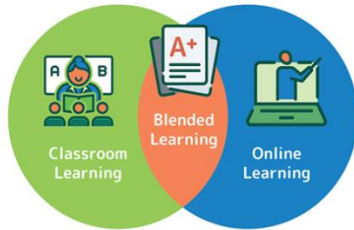
Figure 1: Blended learning process
(Source: [2]. 2020)

Furthermore, the modernization of the teaching process in India will help the teachers to teach the concepts properly and will help the students to understand the concepts appropriately ([9]. 2019). Thus, the Government of India will have to train the teachers to enhance the technological and computer skills so that they can use several digital devices to teach students. Moreover, the modernization of the teaching process in several educational institutions in India will help to enhance the productivity of the students.

Impact of Covid-19 on traditional teaching process

The covid-19 pandemic has impacted the entire educational system of India and along with that it impacted the productivity of the students. The educational system of India is based on the traditional teaching process which requires face to face interactions. During the covid-19 pandemic government has provided some precautions for all the citizens to avoid the mortality rate of the country ([1], 2020). Therefore, social isolation was one of the most important precautions provided in the guideline by the government. In that situation the traditional teaching process of India was impacted as face-to-face interactions were restricted. Furthermore, several types of digital tools have been used by the students for or continuing their education and the uses of digital tools increased. Thereafter the traditional teaching process of India has impacted negatively by the covid-19 pandemic in the year 2019-2020.
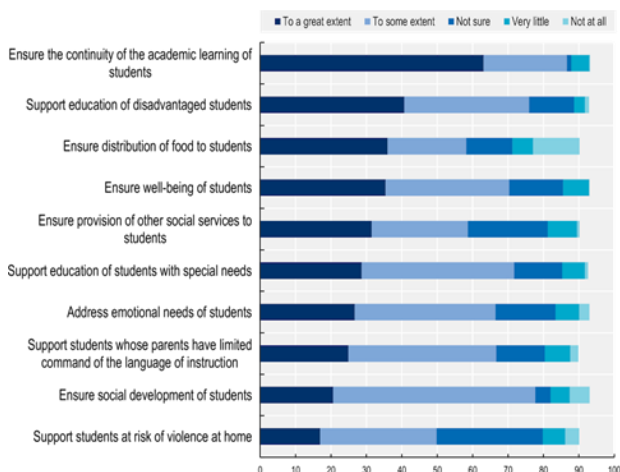

Figure 2: Impact of COVID19 pandemic on education
(Source: [1], 2020)

METHODS AND TECHNIQUES

There are several methods and techniques that can be used in the research articles to gather and analyse the data about the research topics. Therefore, there are different types of data for collecting data and analysing those data in the research articles. Furthermore, there are two types of methods for gathering data such as "secondary methods" and "primary methods". Both the techniques of gathering data are equally efficient and effective to gather informative and objective data for the research article ([3]. 2018). As the primary methods of collecting data is based on real life activities therefore the researcher has used the *secondary methods* for this specific research article due to the pandemic. There are some restrictions due to the pandemic that are provided by the government and because of that the researcher has maintained social isolation and used the secondary method.
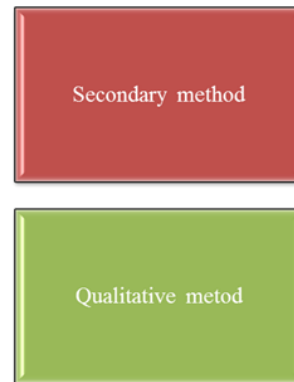

Figure 3: Methods and techniques
(Source: self-made)

On the other hand, there are several sources of the secondary methods such as books, journals, magazines, articles and other sources that are published by some primary users. Thus, the researcher adopted these sources and gathered possible and important information about the educational system of India and the usage of blended learning process in the educational system in the country. Apart from that, the techniques for analysing data in research articles are qualitative method and quantitative method ([10]. 2020). Furthermore, as the researcher has used the secondary method therefore the researcher has used the *qualitative method* for analysing all the data in a thematic way. All the collected data about the usage of the blended learning system in the education system of India is analysed below in this research article properly.

RESULT AND DISCUSSION

Theme 1: Impact of digital learning on education system of India

Digital learning is an innovative process to enhance the efficiency of the educational system. Therefore, the process of digital learning impacts the productivity of the students and the entire education system of India. Thereafter the covid-19 pandemic has impacted the education system of

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India in the year 2019 and 2020 largely. Furthermore, during the situation, the Government of India has declared a certain stoppage of education and that impacted the productivity of students negatively ([8]. 2020). Thereafter the uses of digital platforms became necessary to continue the education system of India. There are some digital applications that provide virtual classrooms for the students and teachers for learning. The process of digital learning requires some tools or components such as the internet, mobile, computer, laptop, and others. Along with that the process of digital learning needed some specific skills such as technological skills, computer skills and others.
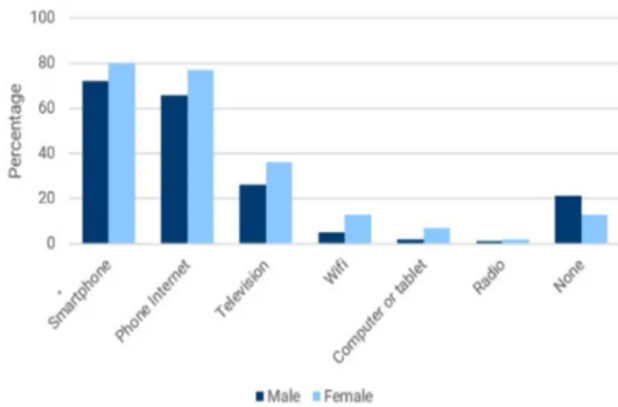

Figure 4: Usage of digital tools for education
(Source: [8]. 2020)

On the other hand, the process of digital learning helps the students to personalize their learning. Students can learn according to their interests by using the platforms of digital learning which help to enhance their attentiveness towards learning. Therefore, more attentiveness towards learning helps to enhance the productivity level of the students. Apart from that there is no time limit in the digital learning process so students can learn whenever they have time and that also helps them to increase their productivity ([7], 2020). In addition to that the students can learn from anywhere by using the digital platforms of online learning. It is helpful for the students to manage their time for education. The usage of digital learning platforms has increased during the pandemic situation, and it can be said that the process of digital learning impacts the education system of India positively.

Apart from that the process of digital learning impacts the productivity of the students negatively as well. All the teachers do not have proper knowledge of technology and computers and because of that some of the teachers cannot use the components or devices of digital learning. Therefore, those teachers became unable to teach the students properly and that impacted the productivity of the students ([5], 2020). In addition to that, some of the students that cannot afford the device have a need for digital learning and because of that they cannot use the process for their education. During the pandemic situation while the process of digital learning became the only way for continuing education then the

productivity of those students was impacted negatively.

Theme 2: Importance of blended learning process in the educational system of India

The educational system of India has impacted largely during the situation in 2019. Therefore, the use of the digital learning process in the educational system of India to continue the education has also impacted the entire educational system of the country. There is a certain stoppage in education of India still now and that is impacting the productivity of the students. It is important to adopt some strategy to enhance the effectiveness and efficiency of the educational system of India for increasing the productivity level of the students ([4], 2019). The use of a blended learning process in the education system will help the students to enhance their efficiency of understanding concepts. Apart from that the tools of digital learning will help the teachers also to teach the concepts of learning properly to the students.
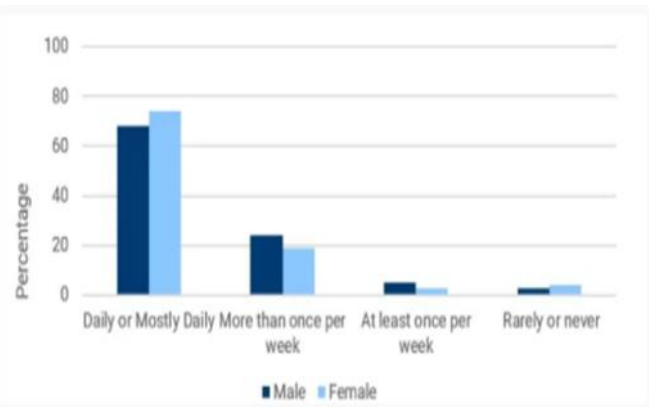

Figure 5: Decrement of attentiveness towards education among students
(Source: [6]. 2019)

On the other hand, the students become inattentive towards education during the stoppage of the educational system in India. Therefore, there should be some components that will help the students to be attentive towards their studies after the pandemic situation. Several digital components such as mobile, laptop, computer and others are not only used for education but also used for several aspects ([6]. 2019). The uses of these components will help to enhance the attentiveness of the students towards their education in the traditional learning system. Thereafter it can be said that the blender learning process is important for enhancing the productivity level of the students of India after the pandemic.

CONCLUSION

It is identified that the blended learning process is very important for the educational system in India. The combination of traditional teaching processes and digital learning tools is significant to increase the effectiveness and efficiency of the educational system of the country. The certain stoppage of education during the pandemic situation has impacted the productivity of the students negatively and

also impacted the educational system. Therefore, the uses of blended learning processes will be appropriate to increase the productivity of the students and growth of the educational system of India.

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