Digital Education: Future Prospects in India

Surbhi Jain
Assistant Professor
Pacific Business School, Udaipur (Rajasthan)

Abstract

The education has been the backbone of the prosperous society and will always remain one. India is host of one of the oldest civilization and education has always been given the utmost importance for kids. Starting from the culture of gurukuls to the modern distant education, the medium has evolved drastically.

One of significant changes in the education medium that we have observed in the recent past is the introduction of digital education. The way the internet connectivity has been expanding in India provides the base for the rapid growth of the digital education. If we check the libraries we could see the changes in the trend where students used to come and read the books and now almost everything is available online and we can see students searching the information on the internet. This paper attempts to identify the benefits of the digital education and the challenges that we face in the success of digital education.

Key words: Digital education, E- learning, India

Introduction

Digital learning is the learning I which people use more of information technology in imparting skills and knowledge to the students. It has been establishing at a rapid speed despite the fact that it has been introduced recently the can be seen followers tremendously. The technology is widely known as a smart technology which is being introduced in every sphere of life and as per the survey it has brought changes in the life of educationists'. It is now being used in the schools and colleges in imparting lectures and skills everywhere in the world today. People have forgotten conventional method after having adopted this new and advanced technology. Then main benefit of this technology is that it facilitates from anywhere anytime. The faculty members need not to take pains of writing the texts on the board with the help of chalk.

These digital processes provide a platform to the teachers, students a set of interactive services to improve the system and perfect delivery of a lecture and to manage things appropriately. People reduce time and efforts in minimizing the workload and can improve the quality of learning and teaching.

Objective

The objective of the research paper is to study

- Benefit of Digital Education

- Scope of Digital Education in India

- Challenges of Digital Education

Literature Review

JinalJani and Garish Tere (2015). Digital India programme introduced by government of India is important for the development of digital education in the country. Digital India drive is a project initiated by Government of India for creation of digital empowered society across the country. It will help in mobilizing the capability of information technology across government departments and helps in delivering the different governments programs and services. Digital India will help in creating job, providing high speed internet and digital locker system and so forth. Digital India has three important components namely digital infrastructures creation, digital delivering services and resources and digital education.

Shikha Dua et al., (2015). They have discussed the different issues, trends and challenges of digital education in India and suggested the empowering Innovative classroom model fo rlearning. The future trend of digital education includes digitalized classroom, video based learning, and game based learning and so forth. They have pointed out different challenges of digital education India and suggested measures to overcome these challenges. Constant reforms required in schools and teacher for the development of digital education in India.

Himakshi Goswami (2016). The study highlighted the different opportunities and challenges of digital India programme in India. Digital India programme introduced by government of India will help in transforming country into a digitally empowered economy. This will help government of India to integrate the Government Departments with the people of India. The main purpose of this programme is to reduce the paper work and help in providing different Government services electronically to citizens. It describes the different opportunities of the programme for the people of the country. India is having different languages, culture, and customs, food habits, laws and traditions. The purpose of digital India programme is to integrate whole country digitally but languages would be the main challenges in the implementation of such programme.

Jayesh M. Patel (2017). There are many web based tools which can be used in the classroom for digital education like twitter, Glogster, Prezi, Diigo, Dropbox, and Moodle. Teachers and students are interested in web based digital learning but because of lack of knowledge they are not initiating the same. Web based tools will make the learning interesting and students will get motivated which normal classroom cannot do. Currently the teacher centric approaches are making learning boring even for interesting chapters, use of digital technology makes even boring content interesting and joyful. The concept of child centered approach will be fulfilled only with the help of digital technology.

Research Methodology

The main objective of the qualititative research is to give a clear picture of the situation to understand the behavior and relation of the variables used. The study is primarily based upon the secondary data. The data used in this paper are secondary in natures which were taken from books magazine articles, academic journals, as well as the websites.

Benefit of Digital Education

- **Digital Learning has made Research Work Simpler**

The research work has become easier with the help of digital world. The work has become, simpler as the researchers now find all solutions and ideas on internet websites easily. With the help and material available on net, the researchers may find appropriate solutions of the problems or the research they pursue. And they may prepare their dissertation or thesis easily with the latest data being taken from the net.

- **Digital Learning a Boon for the Parents as Well**

The digital era and its benefits proved blessings not only for the teachers but also for the parents, as they can guide their wards at home in their studies and assignments. The students may have tutorials on net at home anytime in a better way and can save time. With the help of e learning children may grasp the learning in no time and may find better solution too.

- **Preparation for Exams becomes Easier**

More help can be seen of e learning tool during the examination days. Students are surfing net and prepare their notes , in addition to this, one who prepares for the competitive exams have all readymade solutions and frequently asked questions by preparing those, one may achieve success. The digital world have proved the best and trusted friend for the students. We have what we want on the internet and we can consult the required easily with no time, which help us saving time. Children may have online tutors and video conferencing to have the best teachers at home from them, they may have counseling and better solutions of any problems.

- **Reduce the Burden of Paper Work**

The introduction of the internet in our life eliminated burden from our shoulder and reduce paper work also. Today in the advanced world , most of the exams are conducted online , so it reduce the burden of the teachers as they need not to carry the answer sheets and on the contrary, the students need not to wait for the results for long days. The work is conducted with full transparency and then evaluation is also becoming easy as now it is being done by the computers online.

- **Offers a Strong Platform for Better Communication**

The digital and internet system provides a platform to convey and communicate in a better way. People even getting tutorials through web cam and using various applications and apps to keep connected with the people in then society. The corporate today conducts interview process on skype and save their time in commuting from one place to others. Through this system even the communication method/process can be made more flexible and easier and make the social media platform , blogs and various forum on which the experts share their knowledge and skills and helping the needy people.

- **Reduced Costs**

The digital system is pocket friendly in comparison to other mode of communication online system. It reduces price and make the process more quickly and easily. The training time is reduced in terms of traveling, course material and accommodation and other facilities in which the money used to be incurred.

This cost cutting help enhancing the profit of the organization and moreover, people feel relaxed as they need not to plan their travel and leave the family members alone while going for any training to other cities.

Scope of Digital Education in India

The popularity of digitalization has been increased in the recent years everywhere in all sectors and spreaded its wings in all corners. With the introduction of the data centers, cloud commuting, visualization, more chances are there to integrate the advanced technology in the educational as well as the other sectors to reduce the human efforts in completion of the assignments. Evolution of technology make people in win situation, as they are now able to reduce the cost in imparting training which was very high in the olden times, it also helps students in preparing their assignments, projects and other forms of works in the universalities and institutions. The students are having an option as they can learn their lessons as and when they are free and the faculty members can also make use of the technology and make their teaching more effective. It make the class room smarter than ever before and the kids taking interest and also retain what is discussed in the class for longer duration. Hence there are many scope of digital education

- **Helpful For Organizations**

- Helpful for professionals

- Helpful for society

- Easy transaction

- Helpful in banking system

- It will make people more technology friendly.

- It will develop their scientific and technological attitude towards digitalization. It helps in improving professional development and management.

- Technological advancement

- Digital education will be very much helpful in making the each and every person technology friendly that they can make it more excess able.

Challenges for Digital Education in India

Today the advanced technology brought changes in the process of learning and teaching, as a result the students are becoming self sufficient and are able to create new presentation while providing new animation to make the people understand and influencing. They experience high quality outcomes in their project works and assignments. It is clear that there is no single factor, but rather a system that influences quality learning outcomes.

- Less Social Acceptability in rural area

- Technology phobic

- Not willing to experiment in the traditional setup-

- Irrational concepts for the technology

- Lack of facilities in the rural area

- No proper training of using technology

- Time consuming

- Negative aspects of digital components- There are also some concepts with digital technology that it is the reason for experiencing different behavior and degrading our health today, physical health concerns; and data privacy issues.

- Frequent changes- Due to changes and advancement in the device models/technologies/functionality etc.

teachers endure uncomfortable.

- Expensive-It is very expensive. That is why we see thatmost International schools and schools that have digital education are far more expensive than the regular schools.

- It's quite problematic at times for individual to expresstheir correct motive or demonstrate the set of skills they have got in a digital medium rather than orally.

- The overarching challenge is to maintain privacy

- Many of us have this irrational fear of towardstechnology and are not able to accept digital education. But if a teacher mitigates these challenges he/she can make his classroom teaching interesting.

Conclusion

The 21st century faces challenges because of the introduction of the advanced technology and hence, it becomes necessary in general to update all individuals to compete the situation and build the new theory and nation strong. This is the reason that many countries are spending a hefty amount on the new technology just to put efforts to upgrade the education system in order to meet the demand in the era of digitalization and globalization. This emerging technology is supporting the social media in a way that people around the world are connected to each other and enjoying the new dimension of technology with full zeal and experience. Digital educations also assure opportunities to the people living in rural belts and gaining knowledge, skills. So can say that if the technology if used wisely there are benefits of it and people can enjoy for long time and achieve success.

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