

IMPLICATION AND IMPACT OF DIGITAL EDUCATION SYSTEM IN INDIA

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ABSTRACT

Technology has changed significantly over ongoing decades. The expanding assortment and openness of technology has extended the toolbox and openings. In recent scenario, the education system all over the world has gone through a drastic change. The traditional education system no longer fulfills the present modern day needs where everything is dynamic and evolving at a very fast pace. Therefore, a new and modern way of education is required to handle such transformation. Thus, to meet the present day requirement of the education system, the world is moving towards digital education which addresses all the issues and challenges of traditional education. This paper deals with implications and impacts of digital education system that will shape the future generations.

KEYWORDS: Education System, Digital Learning, Technology, Digital Education.

INTRODUCTION

This article helps both the teachers and students to develop their skills through digital education system which included print text, film, video, radio, computer, newspaper, and internet. But all such kinds of facilities are related to the nation as the student pertaining to what the institution will provide them during the compulsory education. All the circles both the inner as well as outer are rationally interrelated to both the influential teaching and if multimedia uses in a pure way. Otherwise, they will develop the education but without the skilled and no scientific temper develop among the students .when pragmatism is came same as the teacher can do for the inner checking to

manifest the hidden qualities as the same role is played digital education system because they dealt with the subject found in resource material.

Digital classrooms helps a lot for all the age categories without the discrimination and some media helps some disabled students more as they equally compete with the other through the audio- visual or in sometime through the audio only or video sense and playing a great dynamic role for progressing of individual mind into a concrete reality where the society is set up and sometimes, all the dependent students who are not able to afford the learning in regular mode and it remaining best for that

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category and the multimedia teaching learning is just beginning to think of shifting the basis of certification from time served to skills and knowledge oriented. If teacher want to teaching effective then it required both for the teacher and the govt. to apply the multi-media in schools, colleges, and universities even hospitals also to spread the awareness among the general masses to how we neglect the diseases and how we become healthy. Free education up to the age of 14 same as have required if we really like the education system in a developed way then no one can deny the multi-media in a classroom anymore. It makes possibility for the teachers to give opportunity to students being happier and more enjoy during the course instead of the boring system and teacher usually stands in front of the students, giving explaining, informing and use chalk to write.

DIGITAL EDUCATION-THE PATHWAY TO EDUCATION SYSTEM

Technology, in one form or the other has always been part of the teaching and learning environment. It is a part of the teacher's professional toolbox. In other words, it is among the resources that teachers use to help facilitate student learning. Technology has changed dramatically over recent decades. The increasing variety and accessibility of technology has expanded the toolbox and the opportunities. Computer devices are more powerful and have come in different forms. As a result there is change from those that sit on our desks to those that sit in the palm of our hands. The internet connects these devices and connects students to each other in the classroom through the school and around the world.

Technology keeps on advancing and it is becoming very essential in our lives. People make use of it every day in various sectors to accomplish specific tasks, for example, the way

we use technology in classrooms to improve the learning methods of student, and to make use of ICT tools. This makes them look smarter. Today's learners enjoy easier and more efficient access to information; opportunities for extended and mobile learning; the ability to give and receive immediate feedback; and greater motivation to learn and engage.

Gone are the days when classroom training was restricted to textbook learning and teachers using the blackboard to students writing notes in copies. The method is more chalk and talk in most schools. Digital education is making its way into the education system of India and is taking the dominant place in traditional classroom training.

DISTANCE EDUCATION BEYOND BOUNDARIES

Technology has made it possible for students who fall off the traditional path to jump back on and complete what they spent in their childhood working towards achievement it. This may be in the form of taking remote classes from home, remedial classes in on-campus computer labs or even by enrolling in full-time online schools, public or private.

In digital classroom students can be modified according to the situation needed. They sit at wide tables in comfortable chairs and have plenty of room to spread work and they corrupt the every movement as they see through audio-visual media and teaching learning are becoming scientific and it is the basic mechanism in the school system act and in the social education process more generally and it develops them the perception involving incoming stimulations, as well as mental images they create and students when they see do not simply respond immediately to external stimuli but rather think about , and access, them through mental imagery and the program is presented as a simulation gave to interest

and motivation. Students using the program found themselves in the virtual world of education.

FLEXIBLE LEARNING ENVIRONMENT

A student who needs extra help on a particular topic need not hold up the entire class, or feel embarrassed asking for that help, when there are computer modules and tablet apps available for individual learning experiences. Thanks to the digital devices for creating a stress-free and ambience to the students. Of course, technology is not the magic wand to fix all problems, but it does allow for more flexibility of the learning process. Many schools now come with a TV or a projector attached to their whiteboard where it is easy to shift from a normal classroom session to an interactive digital session. This can make students pay more attention as we are now in the digital era where Google is our go-to place.

FIELD TRIPS TURNED TO ONLINE WEBINARS

If a school does not have the resources to send students on field trips, they can opt for web seminars related to their course work. Conducting online seminars and webinars, enables all students to engage in commenting and participating in questionnaires which helps them stay alert. It is very vital that students engage in seminars and the lectures that involve two-way communication. NASA is known to offer a program for students wherein they can talk to astronauts in space using such web seminars. This hybrid, collaborative online learning experience is broadly changing the aspects of education in India.

USAGE OF VR AND AR FOR LEARNING

Virtual Reality and Augmented Reality are already buzzwords in the technology space. Their advent in e-learning has massively

impacted the efficiency with which it is offered to students and the way it assesses their performance. VR allows students using e-learning platforms on mobile devices to directly interact with study material. This keeps their engagement levels high and motivates them.

GLOBALIZED LEARNING, MAXIMIZED EXPOSURE

With the internet, it has become possible for students to communicate with students from other parts of the world. This makes it really easy to learn foreign languages and expand the exposure of young minds. Video conferencing is a boon to students who desire to communicate or meet with their global counterparts. Today, India is one of the world's top destinations for education. Where the pedagogy is all about the smart boards where teachers can drag and drop shapes, bring in online calculators on the board, measure with AR tools and voice out the text they want to see on the board. It is time to merge teaching methodology with technology and make education and classroom sessions livelier and more thrilling.

With the development of Internet, mobile phones, mobile apps, tablets, laptops, and other modern devices, things are becoming more and more digitalized in today's world. The education system in India's metros and other cities has also become modernized to a great extent, making way for digitalization. With a number of International schools coming up, digital education is making its way into the education system of India and is taking the place of the traditional classroom training.

BASIC DIFFERENCE BETWEEN DIGITAL EDUCATION VS TRADITIONAL CLASSROOM BASED EDUCATION

Gone are those days when classroom training was restricted to textbook learning, teachers using the blackboard to explain things and

students writing down notes in copies. The traditional teacher-centered methods of teaching and task-based approaches to learning focused more on making notes and memorization. However, it's no more chalk and talk in most schools. Classroom teaching has become more and more interactive nowadays with the use of digital methods such as PPTs, video presentations, e-learning methods, practical demos, online training and other digital methods or platforms.

ADVANTAGES OF TEACHER-LED CLASSROOM TRAINING

- This is an efficient method of presenting a large volume of study material to students.
- It is a personal, face-to-face type of training.
- Everyone gets the same information at the same time.

DISADVANTAGES OF TEACHER-LED CLASSROOM TRAINING

- Sometimes it is not interactive.
- Success of the lectures depends on the effectiveness of the teacher.
- More of memorizing and mugging up for the students, instead of enhancing their mental skills and abilities.
- It is a time taking aspect.

BENEFITS OF DIGITAL EDUCATION FOR THE LEARNERS

- **Deeper understanding:** multimedia learning advantage of the brain's ability to make connections between verbal and visual representation of content, leading to deeper understanding.
- **Interactive:** With digital education, classroom teachings have become more fun and interactive. Children tend to be more attentive. They are not only listening but also viewing it on the screen which makes

their learning all the more effective. Here, sounds and visuals go hand-in-hand which is easy for the child to grasp.

- **Improved Problem Solving:** using images, video and animations alongside a text stimulates the brain. Student attention and retention increase. Under these circumstances, student can identify and solve the problem.
- **Increased Positive Emotions:** psychologist Barbara Fredrick Son, using multimedia impacts students' mood during the learning process with a positive attitude they learn better and tend to be more proactive.
- **Attention to Details:** Interactive online presentations or practical sessions in educational content through interactive screen time help the students to pay more attention to details which enable them to complete their activities on their own.
- **Quick Completion:** Using tabs, laptops or notepads, instead of pens and pencils, motivates children to complete their tasks quickly.
- **Access to a vast variety of information:** sharing the information and participating in class discussion is done in a more confident way when access to information is as easy as today.
- **Vocabulary:** Active online screen time helps students develop language skills. By reading e-books or accessing study materials online, they learn new words and expand their vocabulary.
- **World Exploration:** with the help of multimedia children can explore and learn about places they would never been to.
- **Learn at his pace:** Many a times, a student hesitates to ask a question to his teacher in classroom training. But with digital education, even if he does not understand anything at one go, he can attend the recorded sessions to clear his doubts. Technology enables a student to learn at his own pace.

- **User-friendly:** The best thing about digital education is that it is user-friendly. You can very well access your curriculum wherever you are. You can learn on the go. Even if you miss certain classes, you can access the class notes and download files from the school website.
- **Self-learning:** Nowadays, online study materials are easily available. Even if the entire education system is not digitalized, yet students can leverage the power of digital content depending upon their capabilities. So students, can access exclusive online study modules of various subjects which help them to enhance their knowledge even without a teacher.
- **External guidance:** With online education, students can even further connect with distant counselors and faculty to seek guidance or resolve queries.
- **Lazy approach to studies:** This may lead to poor study habits and can develop in children a lazy attitude. Digital education can also make children forget the basic way of studying. Even for simple problems and homework, they are used to seeking help from the net.
- **Security:** Last but not the least, going online does not mean that your child is only looking for study materials. There are many things which a child might come across that are not good for him.

DISADVANTAGES OF DIGITAL EDUCATION

Nonetheless digital education also has some disadvantages:

- **Expensive:** First of all, it is expensive. That is why we see that most International schools and schools that have digital education are far more expensive than the regular schools.
- **Infrastructure:** To have digital education means, you need to have a proper infrastructure not only at schools but also at homes, particularly affordable broadband.
- **No fixed schedule:** Online learning requires much better management and rigid schedules, whereas in traditional classroom training, everything is as per a fixed schedule.
- **Reduces creative abilities:** Getting all answers on the net easily also reduces the children's own creative abilities and talents.

CONCLUSION

Digital education has its advantages and disadvantages. The students need to be properly guided by their parents and teachers every time they are going to use the online technology. It is necessary to use digital learning devices in classroom teaching/learning. The learners should be counseled on how and to what extent the technology should be used in the classrooms, else they may be habituated to use and fall back only on technology and consequently become helpless machines always dependent on them. So let technology not damage and dampen the learner's spirit of creativity and originality.

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