

The Future of Education: Trends in Digital Learning



The development of computer technology in universities, in era of 1950s and 1960s laid the foundation of computer applications utilization in the field of education. In 20th century, educational psychologists believed that machines could automate teaching and testing. Technologies; like use of Radio and television was already practiced in the classrooms of schools. Therefore, the concept of digital learning is not surprising at all. Innovations in technology bring more opportunities for students to get their schooling at a comfortable place with a wider vision and understanding. Such innovations lead the world towards digital learning and the potential for radical transformation of education.

The first wave of Covid-19 becomes greatest challenge for livelihood of people. The economy and health of people were at stake, it was very depressing situation to compete with health and hunger challenges at same time.

“Necessity is the mother of invention”, this phrase actually works in pandemic era by proposing the introduction of online platforms by keeping in view health safety measures. Many classes were created rapidly to respond the pandemic and save the future of students by setting education goals through digital learning.



What is Digital Learning?

The use of technology that supports education is known as “digital learning”. Digital learning can be based on variety of tools, platforms and educational resources which is used to hold up learning and developments of students that belong to different ages and backgrounds. It provides greater and faster access to students for course contents, topic discussions, assignments and assessments submissions just on single click .Digital education in lieu of traditional education adopts different learning styles and abilities. It enables students and teachers to learn and teach at their own comfort zones with targeted support. It also aids students to enhance their educational skills with following advantages:

- **Easy Access:** Digital Learning provides easiest access to students, regardless of their location and circumstances.
- **Flexibility:** Digital Learning allows students to study according to their own schedules and commitments. It also helps those students who are engaged in their jobs with study.
- **Personalized Learning:** Digital Learning enables educators to customize the learning experience to each student’s individual needs and abilities, helping to guarantee that everyone has the opportunity to succeed.
- **Engagements:** Digital Learning instruments can facilitate students to keep engaging and motivated by providing fascinating learning experiences that are more engaging than traditional classroom environment.
- **Strengthen Collaborative Competence:** Digital Learning platforms makes provision in collaboration and connection with classmates, helping to foster a sense of community and support.

Trends in Digital Learning

It is crucial to remember that trends in education are constantly changing. These are some recent developments in education brought about by digital learning.

- **Expansion in Education:** Students from worldwide are using online platforms, multimedia resources, e-libraries, virtual lecture rooms and course content. The demands of using digital learning are increasing day by day. The standard of education is upgrading with the support of digital learning. Now digital learning has become preferred choice of students to get education.



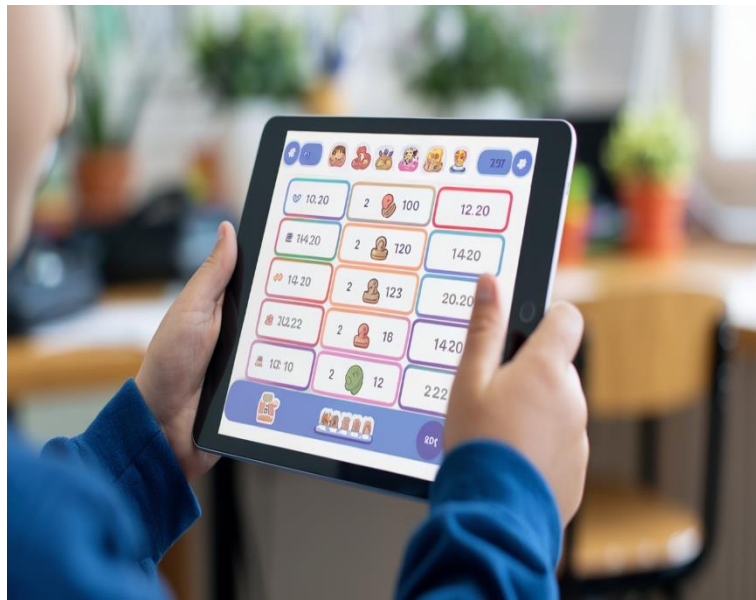
Value of keeping Up with Trends: Digital Learning developments are ongoing process with passage of time, so it's necessary that professionals, educators and students must be updated with the trends. New trends development in digital learning will enhance the learning skill and technology familiarization to students. In future, these trends can be used to build creative solutions and experts opinions in field of Education.

- **Affordable Method:** Digital learning in lieu of traditional education is more affordable method. Most of the educational stuff is free to use while some needs to pay in installments which is also economical for an individual. This provides ease to a student or individual in budget management. Digital learning is a source of saving as well because it saves the amount of mobilization and purchase of educational stuff for classroom. In short, monetary investment is smaller but the results are better.



- **Artificial Intelligence (AI) in Digital Learning:** The integration of AI is one of the influencing factor for digital learning as it can completely transform the ways for learning. Learner's data and behavior can be analyzed through AI that helps in customizing learning process, according to each student's needs. AI can provide learners with individualized support and direction, which will enhance their learning results.

- **Gamification:** To create more fun for students with learning perspectives, gamified digital learning platforms have been introduced. It keeps learners' more engaged and develops their critical and analytical thinking. Furthermore, learners can use their knowledge and skills in a real-world setting by stimulating real-life circumstances through Gamification. For skill-based training, where students may hone their skills through interactive simulations and virtual settings, this digital learning trend is especially advantageous.



Future of Education

The digital learning has grown significantly as a result, many students prefer online learning. The use of Multimedia projector, virtual lecture rooms, and online platforms are already facilitating students get an education. Students from all over the world can receive a top-notch education without being limited by time or place.

The infinite skills and subjects to teach and learn are developed due to digital learning. It has a direct impact on the future of education. Online educational programs for different levels and disciplines are available at an increasing number of colleges and higher education institutions. For every kind of learner, there are various options of lectures, even on a single topic. Another exciting feature of digital learning is to earn any certification through online institutes. After earning a certification in a specific area, a student or professional can easily download certificate through e-portal. Digital learning is playing remarkable part for future of education.



Final Words

Digital Learning is interactive platform for all students and teachers that provide easy access and incredible experience in education. This technology has a greater potential to transform education and to overcome traditional barriers. Digital learning has bright future with continuous development and collaboration in field of Education. In addition, it empowers students and teachers in providing opportunities for learning and growth.

[PEN Academy](#) is playing their role at front line by providing digital learning with the use of information technology to facilitate all students. They have taken steps to enhance learning skills of students by giving easy access to short lesson in video forms, virtual reality and gaming content. Parents, instructors, and students all around Pakistan have free access to all online educational material.

