

Current trends in digital learning technology

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The concept of learning has taken on new meanings corresponding to the advent of technology. Education has a new countenance and the methods of educating oneself have undergone revolutionary changes. In the modern world, literacy is not just tied to the student's presence in the classroom. In fact, for the modern student, technology plays an increasingly prominent role. Methods of learning surround us; we carry vast resources in our smartphones within our fists, the interaction between a learner and an educator has become enhanced with new possibilities. Technology has enabled us to break out of the traditional forms of learning and educate ourselves in accordance with our needs and enthusiasm.

On top of the spontaneous and fierce progress of technology within the traditional structures of education, our hands were forced to look into these technologies in the past year as distance learning became a key factor during the Covid-19 pandemic. EdTech is now on its way to becoming its own industry and the pioneers who look to shape the future are all invested in the digitisation of learning tech. Let's look at some of the biggest trends in learning technology in the current world.

VIRTUAL LEARNING

The unexpected onslaught on the coronavirus pandemic compelled us to look towards the alternatives to traditional classroom learning. We had to make use of the tech that allowed students to learn from a distance. And in the process, it made us aware of the flexibility and diversified resources that virtual learning has to offer. Also referred to as e-learning, virtual education makes use of the concept of a 'Flipped Classroom'. In a flipped classroom, students stay at home and through the use of technology, absorb educational content. Virtual education can be synchronous or asynchronous. In synchronous learning, education is delivered in real-time using live streaming software such as Zoom, Skype, Google Duo, Microsoft Teams etc. Students can attend lectures right from their homes and learn in real-time.

Asynchronous education does not happen in real-time but through the absorption of content uploaded to a digital learning platform. Asynchronous virtual education makes extensive use of digital platforms that provide an alternative



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