

Education technology, often referred to as EdTech, involves the use of digital tools and platforms to enhance teaching and learning. These technologies aim to improve accessibility, personalization, and engagement in education.

Common EdTech tools include learning management systems, online assessment platforms, and virtual classrooms. These systems allow educators to distribute content, track student progress, and provide feedback efficiently.

EdTech enables remote and blended learning models, which gained prominence during global disruptions such as the COVID-19 pandemic. Adaptive learning systems use data analytics to tailor content to individual learners.

Despite its benefits, EdTech faces challenges including the digital divide, data privacy concerns, and the need for teacher training. Effective integration of technology requires thoughtful pedagogy and institutional support.