

The way that creativity and technology interact dynamically has been changing teaching, learning, and student participation in the field of education. Giving educators the instruction they need to use educational technologies. Teachers may now present knowledge in dynamic and engaging ways that accommodate a variety of learning styles thanks to the development of online learning platforms, interactive digital tools, and immersive simulations. With technology developing at an unprecedented rate, educators are looking more and more to incorporate creative practices into classrooms to help kids develop their critical thinking, creativity, and problem-solving abilities. The symbiotic relationship between creativity and technology has the potential to completely transform conventional paradigms in education by providing new avenues for skill development, collaboration, and personalised learning. Teachers may make learning more interesting and relevant to the digital age by implementing innovative digital technologies including gamified learning experiences, digital storytelling, and multimedia presentations. In addition to offering the opportunity to formally learn online and get an acknowledged certificate, so that people everywhere can profit from it. Using technology in the classroom facilitates large-scale collaboration among students throughout the semester, which improves communication skills. Furthermore, technology gives teachers the ability to use artificial intelligence and big data analytics to customise training to each student's unique needs, resulting in more individualised and flexible learning opportunities. These tools are employed to improve student abilities and skills, facilitate better interaction and communication between teachers and students, and develop the educational process.

Advantages of creativity and technology on education:

- Providing a variety of accessible and diversified information sources: Students today have easy access to a wide range of instructional resources because of technology. They can gather and analyse data, come up with original solutions to problems, and incorporate novel ideas into their educational initiatives by using software and technical tools. Numerous technological advancements that might boost student knowledge and interaction with educational materials as well as the learning process have emerged as a result of technological progress. Artificial intelligence technology have made it possible to analyse student performance, issue personalised assessments, and provide customised recommendations to improve students' learning and comprehension. The impact of creativity in education is significant because it allows students to think creatively and pushes them to consider non-traditional academic fields. In educational contexts, the convergence of creativity and technology generates synergies that enhance the impact of student learning. The use of contemporary technological tools in education, such as the Internet, e-books, interactive whiteboards, tablets, and smartphones, has become commonplace. Due to the widespread use of technology in education, the availability of a wide range of teaching strategies, and the diversity of instructional materials, learning is now accessible to all people. Additionally, they select their course instructor electronically, which fosters independence and raises self-awareness. These contemporary technologies enable the improvement of the learning process and its impact, providing a response to the problems confronting the educational system. Students can explore a variety of knowledge sources covering a wide range of topics and fields and access study materials online.
- Encouraging engagement and interactive learning: By utilising technology in the classroom, students are motivated to engage and contribute more in the learning process. Additionally, by customising educational curriculum to meet the

needs of each student, these technologies enhance the efficiency of the time and energy used in the learning process. Since technology greatly aids in the development and improvement of students' learning experiences, it is regarded as one of the most important transformative tools in the contemporary educational system. Students can study educational resources by browsing the Internet and accessing different and diverse sources of knowledge by using educational software and smart gadgets. Artificial intelligence learning apps and data analysis are examples of smart learning, which offers each learner a customised learning experience. Teachers may create an environment in the classroom that fosters creativity, imagination, and curiosity by including creative techniques into the curriculum. Technology use in the classroom has positively impacted both teachers and students while also significantly aiding in the development of the educational process. Along with enhancing their ability to communicate, this also helps individuals approach difficulties creatively and methodically. People with special needs can now easily learn without attending classrooms or educational institutions thanks to modern technological innovations. One of the main forces influencing education is technology, which helps to both improve and alter conventional methods of instruction. In this research we will examine the advantages of employing technology in the classroom as well as the latest technical advancements in the field of education. Through educational games and applications, they may engage with the content, and in an interactive learning environment, they can share ideas and expertise with their teachers and fellow students. Platforms for distance learning are regarded as one of the most important technical advancements in the educational sector. Furthermore, technology offers customised learning experiences for every learner.