

Technological Advances Use in the Education System

Mrs. Fatema Siamwalla¹ and Sharma Annu Rakesh²

Assistant Professor, Shri L. P. Raval College of Education and Research, Mira Road (E), Mumbai, India¹

Student, Shri L. P. Raval College of Education and Research, Mira Road (E), Mumbai, India²

Abstract: *This research paper investigates the use of technology in the educational system and its impact on improving learning and teaching. Technology has become an integral part of modern education, providing innovative tools and resources to support and improve educational practices. The paper investigates the various ways in which technology is being integrated into classrooms, such as the use of educational software, online learning platforms, mobile devices, and virtual reality. It also discusses the benefits, challenges, and future implications of technology integration in education. The study's findings highlight the positive effects of technology on student engagement, collaboration, personalized learning, and teacher effectiveness. The paper also discusses considerations for effective implementation, such as infrastructure, teacher training, and ensuring equitable access to technology. Overall, this research paper emphasizes the importance of leveraging technology as a valuable tool in the education system to create dynamic, learner-centered environments that prepare students for the demands of the twenty-first century.*

Keywords: Technology, education system, learning, teaching, educational software, online learning platforms, mobile devices, virtual reality, student engagement, personalized learning, teacher effectiveness, infrastructure, teacher training, and equitable access