

# **The Education System's Use of Technology**

**Mr. Vikas Rawal<sup>1</sup> and Siddiki Rabiya Khatun Jahir Ahmed<sup>2</sup>**

Assistant Professor, Shri L. P. Raval College of Education and Research, Mira Road (E), Mumbai, India<sup>1</sup>

Student, Shri L. P. Raval College of Education and Research, Mira Road (E), Mumbai, India<sup>2</sup>

**Abstract:** *The use of technology in schools and its impact on both student learning and teacher effectiveness are examined in the present research. Technology has developed into a vital part of contemporary education with the aid of cutting-edge tools and resources, supporting and improving educational practices. The paper examines how gadgets are being used in classrooms in a variety of ways, including the use of educational software, online learning platforms, mobile devices, and virtual reality. Also covered are the benefits, challenges, and long-term outcomes of technology integration in education. The study's findings emphasize how technology improves instructional efficiency, student engagement, teamwork, and personalized learning. Infrastructure, teacher training, and guaranteeing equal access to technology are also mentioned as critical elements for effective execution. This research paper emphasizes the value of technological innovation as a practical tool in schools to develop dynamic, learner-centered environments that adequately prepare students for the challenges of today's 21st-century society.*

**Keywords:** The education system, learning, teaching, educational software, online learning platforms, mobile devices, virtual reality, student engagement, personalized learning, teacher effectiveness, infrastructure, teacher preparation