



A Study of the Impact of Digital Education on Academic Achievement Among Secondary School Students

Anju Kansal, MBM B.Ed. College, Sri Ganganagar, Sri Ganganagar, Rajasthan

Abstract

The rapid advancement of information and communication technology has transformed the educational landscape, leading to the widespread adoption of digital education in schools. Digital education incorporates the use of computers, smartphones, tablets, internet-based learning platforms, multimedia resources, and virtual classrooms to facilitate teaching and learning processes. The present study aims to examine the impact of digital education on the academic achievement of secondary school students. The study investigates how the use of digital learning tools influences students' academic performance, learning engagement, motivation, and overall educational outcomes. A descriptive survey research design was adopted for the study. Data were collected from secondary school students through a structured questionnaire and academic performance records. The sample consisted of students from selected secondary schools representing diverse socio-economic and educational backgrounds. Statistical techniques such as percentage analysis, mean scores, standard deviation, and correlation analysis were employed to interpret the data. The findings of the study reveal that digital education has a significant positive impact on students' academic achievement. Students using digital learning resources demonstrated improved understanding of concepts, greater participation in classroom activities, enhanced self-learning abilities, and better academic performance compared to those relying solely on traditional teaching methods. The study also highlights certain challenges, including unequal access to digital devices, internet connectivity issues, and varying levels of digital literacy among students and teachers.

Keywords: Digital Education, Academic Achievement, Secondary School Students, Educational Technology, E-Learning, Digital Learning Tools, Student Performance.

