

# **Artificial Intelligence Tutors: Revolutionizing or Replacing the Teacher?**

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**Abstract:** *The integration of artificial intelligence (AI) in education has sparked intense debate about the future role of human educators. This systematic review examines the current state of AI tutoring systems, their impact on educational practices, and the implications for traditional teaching roles. Through analysis of 45 peer-reviewed articles and reports from 2020-2023, this study explores whether AI tutors are revolutionizing education by enhancing human capabilities or potentially replacing teachers altogether. Findings suggest that while AI tutors offer significant advantages in personalization, accessibility, and scalability, they complement rather than replace human educators. The research identifies key areas where AI excels—such as adaptive learning and automated assessment—while highlighting irreplaceable human elements including emotional intelligence, creativity, and ethical reasoning. This paper contributes to the growing body of literature on AI in education by providing a comprehensive framework for understanding the evolving teacher-AI relationship and offers recommendations for sustainable integration strategies*

**Keywords:** artificial intelligence, AI tutors, educational technology, human-computer interaction, personalized learning, teacher roles