The Role of Artificial Intelligence (AI) In Teacher Education

Manisha, Assistant Professor, Manohar Memorial College of Education, Fatehabad (HRY).

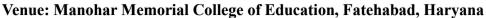## Abstract

The way we use technology and conduct our daily lives is being altered by artificial intelligence (AI). It has the capacity to completely transform education, particularly teacher education. The purpose of this study article is to examine the possible advantages, disadvantages, and difficulties using artificial intelligence in teacher education. The study investigates how Al may help instructors become more skilled, allow individualized learning and raise the standard of teacher education. The study also emphasizes how Al in teacher education has ethical, social, and cultural ramifications. The study comes to the conclusion that although Al has the potential to revolutionize teacher education, its application needs to be done carefully and ethically.

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