

National Seminar, **2nd & 3rd September 2023**
Humanities, Computer, Management & Health



AI Future in Study

Dr. Navneet Sharma, IIS Deemed to be University, Jaipur

Abstract

Artificial Intelligence (AI) is rapidly transforming the field of education by introducing new approaches to learning, teaching, assessment, and academic research. The future of AI in study is expected to provide students with more personalized, flexible, and interactive learning experiences. AI-powered educational tools can analyze students' learning patterns, identify areas of difficulty, recommend suitable learning resources, and provide immediate feedback. Virtual tutors and intelligent learning systems may support students beyond the traditional classroom by offering assistance according to individual needs and learning abilities. AI can also help teachers by reducing routine administrative tasks, developing instructional materials, evaluating assignments, and identifying students who may require additional support. Furthermore, generative AI has created new possibilities for brainstorming, language learning, research assistance, and content creation. However, the increasing use of AI in education also raises important concerns related to academic integrity, data privacy, misinformation, overdependence on technology, and unequal access to digital resources. Therefore, AI should be used as a supportive educational tool rather than as a replacement for teachers, critical thinking, or independent learning. The future of AI in study will depend on responsible implementation, digital literacy, ethical guidelines, and effective collaboration between educators and technology developers. When appropriately integrated, AI has the potential to make education more accessible, engaging, personalized, and efficient while preparing students for an increasingly technology-driven society.

Keywords: Artificial Intelligence, education, personalized learning, AI tools, digital learning, virtual tutors, academic research, generative AI, educational technology, future of education.

