

Conference Name: 2025 EdTec – International Conference on Education & Learning Technology, 05-06 May, Kuala Lumpur
Conference Dates: 05-May- 2025 to 06-May- 2025
Conference Venue: Hotel Capitol, Bukit Bintang, Kuala Lumpur, Malaysia
Appears in: PUPIL: International Journal of Teaching, Education and Learning (ISSN 2457-0648)
Publication year: 2025

Andrei Komissarov, 2025

Volume 2025, pp.151

DOI- <https://doi.org/10.20319/ictel.2025.151>

This paper can be cited as: Komissarov, A. (2025). *Artificial Intelligence in Education: Challenges and Opportunities*. 2025 EdTec – International Conference on Education & Learning Technology, 05-06 May, Kuala Lumpur. *Proceedings of Teaching & Education Research Association (TERA)*, 2025, 151

ARTIFICIAL INTELLIGENCE IN EDUCATION: CHALLENGES AND OPPORTUNITIES

Andrei Komissarov

Chief AI Officer, AI Development and Implementation Center, Synergy University, Moscow,
Russia

metodolog.komissarov@yandex.ru

Abstract

Artificial Intelligence (AI) has become the most talked-about term of the year. However, in education—as in any knowledge-intensive field—its application is far from straightforward. While large language models, now widely used across industries, often produce “hallucinations” or inaccurate responses, such shortcomings are unacceptable in educational settings. So, how can we develop AI tools that genuinely address the challenges of modern education, ease the workload of teachers and students, enhance learning effectiveness, and, most importantly, make education more personalized? What AI approaches can be truly helpful for educators in their daily practice? In this talk, we will explore these questions and also examine successful case studies of AI implementation in higher education across Eastern Europe.