

## THE ROLE OF ARTIFICIAL INTELLIGENCE IN THE ENGLISH LANGUAGE TEACHING PROCESS

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**Annotation:** The paper gives information about the growing influence of Artificial Intelligence (AI) in the field of the English language teaching process and analyzes the pedagogical role of AI in improving instructional effectiveness through individualized learning, language skill enhancement, automated assessment, and professional support for teachers.

**Key words:** Artificial Intelligence (AI), English language teaching, adaptive learning systems, digital pedagogy, educational technologies, personalized learning.

**Аннотация:** В статье представлена информация о возрастающем влиянии искусственного интеллекта (ИИ) в сфере преподавания английского языка, а также анализируется педагогическая роль ИИ в повышении эффективности обучения за счёт индивидуализированного обучения, развития языковых навыков, автоматизированной оценки и профессиональной поддержки преподавателей.

**Ключевые слова:** Искусственный интеллект (ИИ), преподавание английского языка, адаптивные системы обучения, цифровая педагогика, образовательные технологии, персонализированное обучение.

**Annotatsiya:** Maqolada ingliz tilini o'qitish jarayonida sun'iy intellektning (SI) tobora ortib borayotgan ta'siri haqida ma'lumot beriladi hamda individual ta'limni tashkil etish, til ko'nikmalarini rivojlantirish, avtomatlashtirilgan baholash va o'qituvchilarning kasbiy faoliyatini qo'llab-quvvatlash orqali ta'lim samaradorligini oshirishda sun'iy intellektning pedagogik roli tahlil qilinadi.

**Kalit so'zlar:** Sun'iy intellekt (SI), ingliz tilini o'qitish, moslashuvchan ta'lim tizimlari, raqamli pedagogika, ta'lim texnologiyalari, individuallashtirilgan ta'lim.

In the modern education, technological advances have become one of the most fundamental components of teaching and learning. Artificial Intelligence, as one of the most advanced digital technologies, has introduced new perspectives into language education. AI-based tools allow teachers to redesign traditional teaching models and respond more effectively to learners' needs. English language teaching requires flexible instructional approaches thanks to differences in learners' proficiency levels, cognitive abilities, and learning preferences. Typical teaching methods often lack adaptability, which can cause limitations learning outcomes. The integration of AI into

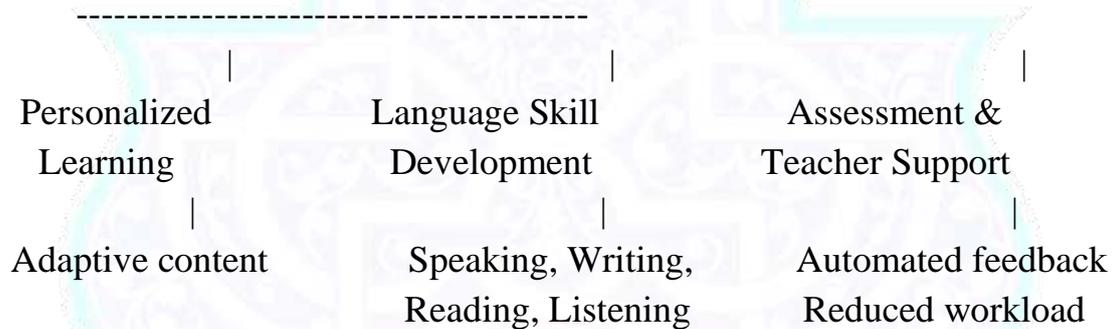
English language teaching provides an opportunity to overcome these challenges by offering data-driven and learner-centered solutions.

The goal of this article is to examine the role of Artificial Intelligence in the English language teaching process and to evaluate its pedagogical value within higher education contexts.

### Artificial Intelligence in Modern Education

Scheme of AI : ARTIFICIAL INTELLIGENCE IN ELT

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Artificial Intelligence refers to the capability of computer-based systems to simulate human intellectual functions such as learning, analysis, and language processing. In education, AI is applied to collect and interpret learner data, predict learning difficulties, and generate adaptive instructional content. AI technologies used in English language teaching include intelligent tutoring systems, automated feedback mechanisms, speech recognition software, and virtual learning assistants. These tools provide students with interactive learning environments that promote continuous engagement and independent practice. In the educational process, AI plays a role as a supportive instrument that improves instructional efficiency without decreasing the central role of the teacher.

### Personalized Learning Opportunities through AI

One of the most valuable functions of AI in English language teaching is its ability to support personalized learning. Platforms , powered with AI, adjust instructional materials based on learners' progress, performance patterns, and learning needs of individuals. This adaptive way ensures that students can receive appropriate content according to their level of study.

Personalized learning environments foster learner autonomy and responsibility. Students can obtain benefits from immediate feedback and targeted practice activities, which leads to gradual language development. As a result, learners will demonstrate higher motivation and improved academic performance. From a pedagogical perspective, AI-generated learning analytics enable teachers to find out common learning problems and adjust instructional strategies respectively.

### AI and the Development of English Language Skills

Artificial Intelligence significantly contributes to the development of four core English language skills: listening, speaking, reading, and writing. Speech recognition technologies support speaking skills practice by evaluating pronunciation accuracy, intonation, and fluency. Learners receive corrective feedback that helps them improve oral communication skills, particularly in contexts with limited real-life interaction. In instructions of writing skills, AI-assisted tools help learners identify grammatical errors, refresh vocabulary usage, and improve textual coherence. These tools make some contributions to the development of academic writing competence. AI also enhances reading and listening skills by providing level-appropriate texts and audio materials, which improve comprehension and lower learning anxiety.

#### AI in Assessment and Teacher Support

Assessment is a necessary aspect of the teaching process, and AI has transformed traditional evaluation methods. Assessment automation systems provide all learners with immediate feedback, allowing them to recognize mistakes and make corrections in the right time. For teachers, AI reduces administrative workload by automating grading procedures and generating materials for practice of students. This helps educators to focus on interactive teaching, classroom communication, and individualized student support. In addition, AI-based platforms assist teachers in lesson planning by offering instructional recommendations and access to diverse resources.

#### Challenges and Ethical Aspects of Artificial Intelligence Use

Despite the good sides of AI, there are some drawbacks of it. The integration of AI into English language teaching shows several challenges. Overreliance on digital tools may reduce the human interaction, which always remains essential for effective language learning. Therefore, AI should be used as a complementary resource but not a replacement for traditional instruction. Ethical concerns related to data privacy and learner consent also demand careful consideration. Educational institutions must ensure transparency and responsible data management practices.

In conclusion, Artificial Intelligence plays an increasingly important role in the English language teaching process. By enabling personalized learning, supporting language skill development, improving assessment practices, and assisting teachers, AI highly contributes to more effective and inclusive instruction.

When AI tools are applied strategically, these technologies have the potential to significantly enhance the quality of English language education in modern learning environments.

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