



HOW ARTIFICIAL INTELLIGENCE INCREASES STUDENTS' MOTIVATION IN LEARNING ENGLISH

Khudoyberdiyeva Shakhnoza Murod kizi

SamDCHTI Kechki fakulteti

MBT (ingliz tili) yo'nalishi

4 – bosqich 2222 – guruh talabasi

Shaxnozaxudoyberdiyeva136@gmail.com

+998 97 566 74 77

*Scientific supervisor: **Rajabov Muslimbek***

Teacher Trainee at Samarkand State Institute of Foreign Languages

Annotation: *This article examines the role of artificial intelligence in increasing students' motivation in learning English as a foreign language. Motivation is a key factor that influences students' engagement, persistence, and success in language learning. The study discusses how AI-powered tools and platforms create interactive, personalized, and flexible learning environments that encourage students to participate more actively in the learning process. Artificial intelligence provides immediate feedback, adaptive learning materials, and opportunities for autonomous practice, which help learners feel more confident and motivated. In addition, AI technologies such as chatbots, language learning applications, and intelligent tutoring systems make the learning process more engaging and enjoyable. As a result, students develop a stronger interest in practicing English and improving their language skills. The article highlights the educational potential of AI and its positive impact on students' motivation and learning outcomes in English language education.*

Key words: *Artificial Intelligence, motivation, English language learning, EFL students, educational technology, autonomous learning, interactive learning, language teaching.*



***Annotatsiya:** Ushbu maqolada sun'iy intellektning ingliz tilini chet tili sifatida o'rganishda talabalarning motivatsiyasini oshirishdagi roli ko'rib chiqiladi. Motivatsiya til o'rganish jarayonida talabalar faolligi, qat'iyligi va muvaffaqiyatiga ta'sir qiluvchi muhim omil hisoblanadi. Tadqiqotda sun'iy intellekt asosida yaratilgan vositalar va platformalar qanday qilib interaktiv, shaxsiylashtirilgan va moslashuvchan ta'lim muhitini yaratishi hamda talabalarni o'quv jarayonida faolroq ishtirok etishga undashi muhokama qilinadi. Sun'iy intellekt tezkor fikr-mulohaza (feedback), moslashtirilgan o'quv materiallari va mustaqil mashq qilish imkoniyatlarini taqdim etadi, bu esa o'quvchilarning o'ziga bo'lgan ishonchini va motivatsiyasini oshiradi. Bundan tashqari, chatbotlar, til o'rganish ilovalari va aqlli o'qitish tizimlari kabi sun'iy intellekt texnologiyalari ta'lim jarayonini yanada qiziqarli va samarali qiladi. Natijada, talabalar ingliz tilini mashq qilish va til ko'nikmalarini rivojlantirishga ko'proq qiziqish bildiradilar. Maqolada sun'iy intellektning ta'limdagi imkoniyatlari hamda uning ingliz tilini o'qitishda talabalar motivatsiyasi va o'quv natijalariga ijobiy ta'siri yoritib beriladi.*

***Kalit so'zlar:** Sun'iy intellekt, motivatsiya, ingliz tilini o'rganish, EFL talabalari, ta'lim texnologiyalari, mustaqil ta'lim, interaktiv ta'lim, til o'qitish.*

Motivation plays a central role in learning a new language, as it drives students to actively participate, persist through challenges, and achieve greater proficiency. In recent years, the integration of artificial intelligence (AI) into English language learning has opened new opportunities to enhance student motivation. AI-based tools, such as language learning apps, chatbots, and automated feedback systems, offer personalized learning experiences, instant responses, and interactive exercises that make learning more engaging. By adapting lessons to students' individual needs and providing continuous support, AI helps learners feel more confident and encouraged to practice English regularly. Furthermore, the interactive and flexible nature of AI learning environments allows students to take control of their own progress, fostering autonomy and a deeper interest in improving their language skills. As a result, AI not only supports traditional teaching methods but



also contributes to a more motivating and dynamic approach to English language education.

Motivation is a fundamental factor in language learning. EFL students who are motivated are more likely to engage actively, persist in their learning efforts, and achieve higher levels of proficiency. With the advent of AI, there is a growing interest in how technology can impact motivation in EFL classrooms. (1; p8) Artificial intelligence can play an important role in enhancing students' motivation in EFL classrooms. AI-based tools provide interactive and personalized learning opportunities that make language learning more engaging and effective. For example, intelligent learning platforms can adapt tasks according to students' proficiency levels and learning pace. This individualized support helps learners feel more confident and encourages them to participate more actively in the learning process. In addition, AI technologies often provide instant feedback, allowing students to identify their mistakes and improve their performance quickly. Such features create a supportive learning environment where students feel motivated to practice English more frequently and develop their language skills.

According to this study, AI significantly affects the motivation of EFL students. Even though it has several advantages including gamification, quick feedback, and personalization, it also brings up issues with bias, data privacy, over-reliance, and loss of intrinsic motivation. The secret is to use AI to enhance human engagement in EFL instruction rather than to replace it. By doing this, the possible negative effects of AI on motivation can also be mitigated while optimizing its good effects, guaranteeing that EFL students have a stimulating and comprehensive language learning acquisition. (3;p1) In addition, the use of artificial intelligence in language learning can create a more stimulating learning environment for students. Features such as gamification and personalized tasks make lessons more interesting and enjoyable, which can increase students' willingness to participate in learning activities. Quick feedback provided by AI systems also helps learners recognize their progress and correct their mistakes in a timely manner. However, despite these



advantages, certain challenges should also be considered, such as data privacy, potential bias in AI systems, and students becoming too dependent on technology. For this reason, AI should not replace teachers but rather support them in the educational process. When used appropriately alongside human guidance and interaction, artificial intelligence can enhance students' motivation while maintaining a balanced and effective learning experience in EFL classrooms.

Artificial Intelligence (AI)-based tools such as ChatGPT, Grammarly and Google Translate are being used more in English language learning but studies have focused mostly on their technical effectiveness rather than associated emotions or motivation. This qualitative descriptive study explored how students perceived the effects of AI tools on their motivation, confidence, and engagement in learning English. At UIN Syarif Hidayatullah Jakarta, data were obtained from 36 fifth-semester English Education students. All participants received a questionnaire, and for the structured interview, five students were selected. The analysis was conducted inductively, and thematic responses from the questionnaires were complemented and used to illustrate the derived themes. The vast majority of students, 77.8%, stated that using AI tools helped them understand difficult materials and receive feedback instantly. The same percentage (72.3%) said they felt more comfortable and confident practicing English with AI, and 72.3% felt more actively involved and had more fun. 54.3% of the participants stated that using AI tools motivated them to perform more difficult tasks, while 30.6% said they did not have a problem with this. The accuracy and overuse of AI tools were the main issues identified by the participants. This study demonstrates that AI tools have altered the emotional and engagement aspects of learning English as a Foreign Language (EFL). (2;p2) These findings show that AI tools not only support the technical aspects of language learning but also positively influence students' emotional engagement and motivation. When learners feel more confident and comfortable practicing English with AI, they are more likely to participate actively and develop their language skills more effectively.



In recent years, research on AI technology applications in language learning has gradually increased. Moybeka et al. (2023) pointed out that EFL classrooms using AI tools can significantly increase students' learning motivation, having positive effects in terms of immediate feedback, personalized instructional design, and self-efficacy enhancement. Similar findings include Kruk & Kałużna's (2024) research on English translation majors, showing that AI tools can significantly improve L2 learning students' learning enthusiasm and motivation; Yaseen et al. (2025) emphasize that personalized immediate feedback accelerates error correction and enhances learning interest and engagement through positive reinforcement. These studies consistently demonstrate the significant advantages of AI tools in improving language skills and learning experiences. (4; p2) These findings indicate that the integration of AI technologies in language learning environments can play a crucial role in enhancing students' motivation and engagement. By offering personalized learning experiences and immediate feedback, AI tools help learners correct their mistakes more efficiently and build greater confidence in using the language. As a result, students become more interested in practicing English and are more actively involved in the learning process, which ultimately contributes to more effective language acquisition.

This is a thorough research that quotes a solid empirical data that well-planned and deployed artificial intelligence learning ecosystems could lead to a significant improvement in the learning outcomes as well as motivation among faculty students in education. Based on three semesters of rigorous mixed-methods research involving complex statistical modeling and deep qualitative investigation, this research presents significant changes in various outcome dimensions and sheds some light on the psychological mechanisms and situational aspects that are important in effectiveness. Statistically significant and practically significant effects of AI engagement on intrinsic motivation, learning engagement, and academic performance were statistically found in quantitative analyses. The structural equation modeling revealed that AI systems build motivation based on the psychological need satisfaction processes, and all three



needs namely, competence, autonomy, and relatedness needs had significant positive associations with system engagement. The fact that competence need satisfaction was the most effective mediator implies that AI learning conditions are especially good at the development of student confidence and self-efficacy based on adaptive scaffolding, real-time feedback, and successive experiences of mastery. (2;p236,237) This research clearly shows that well-designed AI learning environments can significantly enhance both students' motivation and learning outcomes. By addressing key psychological needs—competence, autonomy, and relatedness—AI systems help students feel more confident, independent, and connected during the learning process. In particular, the satisfaction of the competence need through adaptive guidance, immediate feedback, and opportunities to achieve mastery makes learners more self-efficacious and intrinsically motivated. Consequently, AI engagement not only increases students' active participation and learning engagement but also contributes to higher academic performance in educational settings.

In conclusion, artificial intelligence has demonstrated a significant and multifaceted impact on students' motivation in learning English. By providing personalized learning experiences, immediate feedback, and interactive exercises, AI tools help learners feel more confident, engaged, and capable of managing their own learning progress. The studies reviewed show that AI not only enhances technical aspects of language acquisition but also positively influences emotional engagement, self-efficacy, and intrinsic motivation. While challenges such as potential bias, data privacy, and over-reliance exist, these can be mitigated when AI is used as a supportive tool alongside effective teacher guidance. Overall, well-designed AI learning environments address key psychological needs—competence, autonomy, and relatedness—fostering an enriching and motivating educational experience. As a result, AI contributes to both improved learning outcomes and sustained motivation, making it a valuable asset in modern English language education.



REFERENCES:

1. Adolfina M. S. Moybeka. Artificial Intelligence and English Classroom: The Implications of AI Toward EFL Students' Motivation. EDUMASPUL/JURNAL PENDIDIKAN| ISSN 2548-8201 (Print) | 2580-0469) (Online) | page-8 2023.
2. Idowu Johnson Mosaku, Obizue Mirian Ndidi, Nitin Liladhar Rane, Jayesh Rane Artificial intelligence for enhancing learning and motivation among education faculty students International Journal of Applied Resilience and Sustainability, Volume 2, Issue 2, page-236,237 February 2026,
3. Sun Jingyi, Assoc. Prof. Dr. Nurfaradilla Binti Mohamad Nasri Enhancing English Speaking Motivation among Chinese University Students: The Role of Immediate Feedback in AI-Driven Chatbots OPEN ACCESS JOURNAL Issue 2, E-ISSN: 2226 6348 page-2 2025
4. Suseno Yudho Purnomo, Muhammad Akbar Setyo Derawan, Muhamad Yusuf Irfan Students' Perception of AI Tools in Boosting Motivation for English Learning **IDEAS Journal** (P-ISSN 2338-4778 and E-ISSN 2548-4192); page-1 2025.
5. Ting Yang Impact of Artificial Intelligence Software on English Learning Motivation and Achievement SHS Web of Conferences 193, 02011 page-2 2024.