

FORMATION OF SPEAKING COMPETENCE THROUGH BIOGRAPHICAL TEXTS AND AI IN EFL CLASSROOMS

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Abstract. This article explores the formation of speaking competence in English as a Foreign Language (EFL) classrooms through the integration of biographical texts and Artificial Intelligence (AI)-based tools. Speaking competence is considered a key component of communicative competence, yet it remains one of the most challenging skills for learners to master. The study proposes a methodological framework that combines authentic biographical materials – particularly works related to Eastern scholars and Western figures – with modern AI technologies to enhance students' communicative abilities.

The research employs qualitative and experimental methods to analyze the effectiveness of biographical texts in developing learners' speaking skills, including fluency, coherence, lexical range, and critical thinking. Additionally, AI tools such as speech recognition systems, chatbots, and automated feedback platforms are examined for their role in facilitating interactive and personalized learning environments. The findings demonstrate that integrating biographical texts with AI-based learning significantly improves students' speaking competence by promoting meaningful communication, contextual vocabulary acquisition, and increased learner motivation. The article concludes with practical recommendations for EFL teachers and highlights the pedagogical implications of combining traditional textual analysis with innovative digital technologies.

Annotatsiya. Mazkur maqolada ingliz tilini chet tili sifatida o'rganishda (EFL) o'quvchilarning nutqiy kompetensiyasini shakllantirishda biografik matnlar va sun'iy intellekt texnologiyalaridan foydalanish masalasi tahlil qilinadi. Nutqiy kompetensiya kommunikativ kompetensiyaning muhim tarkibiy qismi hisoblanadi va uni rivojlantirish o'quv jarayonida murakkab vazifa bo'lib qolmoqda.

Tadqiqotda Sharq va G'arb allomalari hayoti va faoliyatiga oid autentik biografik matnlar asosida nutqiy ko'nikmalarni rivojlantirish metodikasi ishlab chiqilgan. Shuningdek, sun'iy intellektga asoslangan vositalar – nutqni aniqlash tizimlari, chatbotlar va avtomatik baholash platformalarining o'quv jarayonidagi o'rni o'rganilgan. Natijalar shuni ko'rsatadiki, biografik matnlar va AI texnologiyalarni uyg'unlashtirish o'quvchilarning nutqiy kompetensiyasini sezilarli darajada oshiradi, ularning motivatsiyasini kuchaytiradi va real kommunikativ vaziyatlarga tayyorlaydi.

Keywords: speaking competence, EFL (English as a Foreign Language), biographical texts, Artificial Intelligence, communicative approach, discourse development, language teaching methodology

Kalit so'zlar: nutqiy kompetensiya, EFL (English as a Foreign Language – Ingliz tili xorijiy til sifatida), biografik matnlar, sun'iy intellekt, kommunikativ yondashuv, diskurs rivoji, til o'qitish metodikasi

1. Introduction

In recent years, the question of how to effectively develop speaking competence in EFL classrooms has attracted growing attention and sparked considerable debate. Speaking is not only

a productive skill but also a complex cognitive and social process that requires learners to use language accurately, fluently, and appropriately in real-life situations.

Despite the increasing emphasis on communicative approaches, many learners still face difficulties in expressing their ideas orally. Traditional teaching methods often focus on grammar and vocabulary in isolation, which limits students' ability to engage in meaningful communication. Therefore, there is a need for innovative methodologies that integrate authentic materials and modern technologies.

This study addresses this gap by proposing the use of biographical texts combined with Artificial Intelligence tools as an effective approach to developing speaking competence.

Biographical texts provide rich contextual information, cultural insights, and meaningful content, while AI technologies offer personalized feedback and interactive learning opportunities.

2. Literature review

2.1. Speaking competence in EFL context

Speaking competence is defined as the ability to produce spoken language effectively in various communicative contexts. According to communicative language teaching theory, speaking involves several components, including fluency, accuracy, pronunciation, and interaction.

Researchers have emphasized that speaking cannot be developed through passive learning; instead, it requires active participation and meaningful practice. Task-based learning and communicative activities are widely recognized as effective strategies.



2.2. Role of biographical texts in language learning

Biographical texts are considered authentic materials that provide learners with real-life contexts. They help students:

- develop vocabulary in context
- improve discourse competence
- enhance critical thinking skills
- increase motivation through meaningful content

For example, texts about figures such as Alisher Navoi and Martin Lings offer rich linguistic and cultural input.

2.3. Artificial intelligence in language education

Artificial Intelligence has transformed language learning by introducing adaptive learning systems and automated feedback mechanisms. AI tools enable:

- real-time pronunciation correction

- interactive speaking practice through chatbots
- personalized learning pathways

These technologies create a learner-centered environment that supports continuous improvement.

3. Methodology

The research employs a mixed-method approach, combining qualitative analysis and experimental design. The study was conducted among secondary school students learning English as a foreign language.

3.1 Research design

- Students were divided into two groups:
- Control group: traditional teaching methods
- Experimental group: biographical texts + AI tools

3.2 Materials

- Biographical texts about historical figures
- AI-based platforms (speech recognition tools, chatbots)
- Speaking tasks and assessment rubrics

3.3 Procedure

The experiment lasted for several weeks and included the following stages:

- Pre-assessment of speaking skills
- Implementation of teaching strategies
- Post-assessment and comparison

4. Development of speaking competence through biographical texts and AI

4.1. Pre-speaking activities

- Vocabulary introduction
- Background discussion
- Prediction tasks

4.2 While-speaking activities

- Role-plays based on biographical events
- Group discussions
- Question-answer sessions

4.3 Post-speaking activities

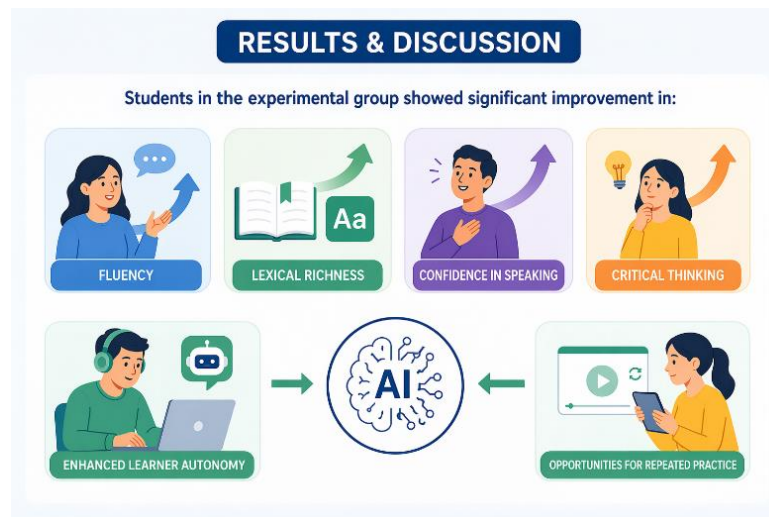
- Summarizing
- Paraphrasing
- Analytical discussions

AI tools were used to provide immediate feedback and track progress.

5. Results and discussion

The results indicate that students in the experimental group showed significant improvement in:

- fluency
- lexical richness
- confidence in speaking
- critical thinking



The integration of AI tools enhanced learner autonomy and provided opportunities for repeated practice.

6. Conclusion

Only by critically evaluating both traditional and innovative approaches can educators make meaningful strides in improving speaking competence. The combination of biographical texts and AI technologies offers a powerful solution for modern EFL classrooms.

This approach not only enhances linguistic skills but also fosters cultural awareness and learner engagement. Future research should explore the long-term impact of AI integration in language education.

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