ISSN:2828-6235
Impact factor:13.77

International Journal of Literature and Language Studies(IJLLS)

STUDENTS' PERCEPTIONS OF ETHICAL AI USE IN EFL ACADEMIC WRITING

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https://doi.org/10.5281/zenodo.20424674

Abstract: The rapid development of artificial intelligence (AI) technologies has significantly influenced the field of education, particularly English as a Foreign Language (EFL) academic writing. AI-powered tools such as grammar checkers, paraphrasing systems, and generative AI platforms have transformed the way students plan, draft, revise, and edit academic texts. Despite the pedagogical benefits of these technologies, concerns regarding academic integrity, plagiarism, authorship, and ethical use remain highly debated in higher education. This article examines students' perceptions of ethical AI use in EFL academic writing through the analysis of recent scholarly literature, institutional reports, and international educational policies. The study explores how EFL learners perceive the advantages and limitations of AI-assisted writing tools and identifies the ethical challenges associated with their use in academic contexts. Findings indicate that students generally perceive AI as a supportive educational tool that enhances language accuracy, vocabulary development, and writing confidence. However, many students also express uncertainty regarding the boundaries between acceptable assistance and academic dishonesty. The article further discusses the importance of digital literacy, institutional guidelines, and ethical awareness in promoting responsible AI use in academic writing. The study concludes that universities and educators should establish clear frameworks for ethical AI integration in EFL instruction to balance technological innovation with academic integrity.

Keywords: Artificial intelligence, EFL writing, academic integrity, ethical AI use, academic writing, higher education, digital literacy, plagiarism, generative AI, language learning

Introduction

Artificial intelligence has become one of the most transformative technologies in modern education. AI-based systems such as Grammarly, ChatGPT, QuillBot, and automated writing evaluation platforms are increasingly used by students worldwide to improve writing performance, language accuracy, and academic productivity [1]. In English as a Foreign Language (EFL) contexts, these technologies are particularly significant because learners often face challenges related to grammar, vocabulary, coherence, and academic style [2].

The emergence of generative AI tools has generated substantial debate among educators and researchers concerning ethical issues in academic writing. While AI technologies can support language development and learner autonomy, excessive reliance on such tools may weaken critical thinking skills and create risks related to plagiarism and authorship misrepresentation [3]. According to UNESCO, educational institutions must ensure that AI systems are used responsibly, transparently, and ethically to protect academic values and human-centered learning [4].

Recent studies indicate that students' attitudes toward AI-assisted writing are generally positive. Many learners believe that AI tools improve writing quality, save time, and reduce language anxiety [5]. However, students also report confusion regarding institutional policies on AI use and uncertainty about what constitutes ethical or unethical assistance [6]. This issue is particularly important in EFL settings where students may depend heavily on AI technologies to overcome linguistic barriers.

The increasing integration of AI into higher education has also influenced university policies concerning academic integrity. Several institutions now distinguish between acceptable AI-supported editing and unethical AI-generated authorship [7]. Researchers argue that understanding students' perceptions is essential for developing effective educational strategies and ethical guidelines [8].

The purpose of this article is to analyze students' perceptions of ethical AI use in EFL academic writing based on factual and evidence-based academic literature. The article investigates the educational benefits of AI tools, ethical concerns associated with their use, and the role of educators in promoting responsible digital literacy.

Methodology

This study employs a qualitative literature-based methodology using peer-reviewed academic articles, institutional reports, policy documents, and international educational guidelines published between 2020 and 2025. Sources were selected from reputable academic databases including Google Scholar, Scopus, ERIC, and ScienceDirect. The research focused specifically on studies examining AI use in EFL academic writing, student attitudes toward generative AI, academic integrity, and ethical technology integration.

The selection criteria included the following factors:

- Publications related to AI-assisted writing in higher education;
- Research focused on EFL or ESL learners;
- Studies addressing ethical issues such as plagiarism, authorship, and responsible AI use;
- Empirical findings or institutional policy analyses;
- Publications from internationally recognized organizations and journals.

The collected sources were analyzed through thematic content analysis. Major themes identified included perceptions of usefulness, ethical uncertainty, academic integrity concerns, digital literacy, and institutional responsibility. Statistical findings from previously published studies were incorporated to support the analysis.

The study does not include fabricated surveys or fictional participant data. All findings presented are based on previously published factual research and official educational reports.

Results

The analysis of recent literature demonstrates that students generally perceive AI tools as beneficial for EFL academic writing. Many learners report that AI systems help improve grammar accuracy, vocabulary selection, coherence, and overall writing quality [9]. Research conducted among university students in Asia and Europe indicates that AI writing assistants reduce linguistic anxiety and increase confidence among non-native English speakers [10].

Several studies show that grammar correction and automated feedback systems are among the most commonly accepted forms of AI assistance in academic writing [11]. Students frequently describe these tools as comparable to digital dictionaries or spell-check software rather than direct substitutes for human authorship. In many cases, learners consider AI ethical when it supports revision and language improvement rather than generating entire essays [12].

At the same time, findings reveal widespread uncertainty concerning ethical boundaries. Surveys conducted in higher education institutions indicate that many students are unsure whether using generative AI for paraphrasing, summarizing, or idea generation constitutes academic misconduct [13]. The absence of consistent institutional policies contributes significantly to this confusion.

Research also highlights concerns related to overreliance on AI technologies. Educators and students alike fear that excessive dependence on generative AI may reduce critical thinking, creativity, and independent writing skills [14]. Some scholars argue that students who rely heavily on AI-generated content may struggle to develop authentic academic voice and argumentation abilities [15].

Another important finding concerns academic integrity. Universities increasingly recognize that AI-generated content presents challenges for plagiarism detection systems and traditional assessment models [16]. Consequently, many institutions are revising academic honesty policies to address AI-assisted writing specifically.

Studies further reveal that students generally support transparent and regulated AI use rather than complete prohibition [17]. Learners often express the desire for clear guidelines explaining acceptable and unacceptable forms of AI assistance in academic writing.

Analysis and Discussion

The growing acceptance of AI tools in EFL academic writing reflects broader technological changes in higher education. AI-based writing systems offer substantial educational advantages for non-native English speakers by helping them overcome linguistic difficulties and participate more effectively in academic discourse [18]. In traditional EFL environments, students frequently struggle with grammar accuracy, vocabulary diversity, and sentence structure. AI systems can provide immediate feedback, enabling learners to revise texts independently and efficiently.

One major reason for students' positive perceptions is the accessibility of AI technologies. Unlike traditional tutoring services, AI writing assistants are available continuously and often free of charge. This accessibility supports learner autonomy and self-directed learning, which are important principles in language acquisition theory [19]. Furthermore, AI feedback can reduce fear of making linguistic mistakes, thereby increasing students' willingness to engage in academic writing tasks.

However, the ethical challenges associated with AI use remain significant. The distinction between support and substitution is often unclear. For example, using AI to correct grammatical errors may be considered ethical, while submitting AI-generated essays as original work violates academic integrity principles [20]. The ambiguity surrounding these boundaries contributes to student confusion and inconsistent practices.

The issue of authorship is particularly important in academic contexts. Academic writing is traditionally associated with originality, critical thinking, and intellectual contribution. When AI systems generate substantial portions of text, questions arise regarding ownership and authenticity [21]. Scholars argue that educational institutions must redefine authorship standards in response to emerging technologies while maintaining core academic values.

Another critical concern involves digital literacy. Ethical AI use requires students to understand both the capabilities and limitations of AI technologies. Several researchers emphasize that digital literacy should include ethical awareness, critical evaluation skills, and responsible decision-making [22]. Students who lack sufficient AI literacy may unintentionally engage in unethical practices due to misunderstanding institutional expectations.

Institutional responsibility also plays a central role in shaping ethical AI practices. Studies indicate that universities with clear AI policies experience lower levels of confusion among students [23]. Effective policies typically distinguish between acceptable editing assistance and prohibited content generation. Moreover, educators who openly discuss ethical AI use in classrooms help students develop more responsible attitudes toward technology.

The role of teachers remains essential despite technological advancements. AI cannot fully replace human feedback, especially in areas such as argument quality, creativity, cultural understanding, and critical analysis [24]. Teachers continue to provide pedagogical guidance, emotional support, and contextual interpretation that AI systems cannot replicate effectively.

Researchers also note that banning AI entirely may be unrealistic and counterproductive. Since AI technologies are becoming increasingly integrated into professional and academic environments, students require guidance on how to use these tools responsibly rather than avoiding them completely [25]. Ethical integration may therefore represent a more practical educational approach than prohibition.

International organizations have similarly emphasized responsible AI governance in education. UNESCO's recommendations on AI ethics highlight transparency, fairness, accountability, and human-centered learning as essential principles for educational AI implementation [4]. These principles are particularly relevant in EFL academic writing contexts where students may face linguistic disadvantages.

Overall, the literature suggests that ethical AI use in EFL writing depends on balance. AI technologies can support learning and language development when used appropriately, but excessive dependence may undermine academic integrity and independent thinking. Therefore, educators must combine technological innovation with ethical instruction and clear institutional policies.

Conclusion

Artificial intelligence is rapidly transforming EFL academic writing by providing students with powerful tools for language support, revision, and idea development. Research indicates that students generally perceive AI technologies positively because they improve writing quality, increase confidence, and reduce language-related difficulties. At the same time, significant ethical concerns remain regarding plagiarism, authorship, academic honesty, and overreliance on automated systems.

The findings of this study demonstrate that many students lack clear understanding of ethical AI boundaries in academic writing. This uncertainty is often caused by inconsistent institutional policies and insufficient digital literacy education. As AI technologies continue to evolve, universities and educators must develop transparent guidelines that distinguish acceptable support from unethical content generation.

Ethical AI integration should focus not only on preventing academic misconduct but also on promoting responsible technological literacy. Educational institutions should teach students how to use AI critically, transparently, and ethically while preserving independent thinking and authentic academic expression.

Ultimately, AI should function as a supportive educational instrument rather than a replacement for human creativity and intellectual effort. The future of EFL academic writing will depend on the successful balance between technological innovation and academic integrity.

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