

THE ROLE OF CHATGPT IN ENHANCING ENGLISH LANGUAGE SKILLS: A SYSTEMATIC REVIEW

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Abstract

This research aims to analyze the role of ChatGPT in improving English language skills through systematic literature review. The method used is a systematic analysis of 43 journals related to ChatGPT and English education obtained from Mendeley, with a focus on the benefits, challenges, and pedagogical implications of using AI in language learning. Research results show that ChatGPT provides benefits in the development of writing and speaking skills through interactive feedback, AI-based exercises, and conversation simulations that allow students to practice in real contexts. In addition, ChatGPT supports independent learning, increases student involvement, enriches vocabulary, and helps in formative assessment by providing corrections and improvement suggestions. However, this study also found significant challenges, including excessive reliance on technology, lack of understanding of cultural context, potential bias in AI response, as well as the risk of plagiarism and academic integrity violations. In addition, the quality of the answers produced is not always accurate, so teacher guidance is needed to ensure that students continue to think critically and not just passively receive information. In conclusion, although Chat GPT has transformational potential in English learning, its effectiveness is highly dependent on ethical implementation, appropriate pedagogical strategies, and clear regulations. Therefore, training is needed for educators to optimize its use in learning, as well as a blended learning-based approach that combines AI technology with direct interaction between teachers and students to create a balanced, effective, and appropriate learning environment for the needs of learners.

Keywords: ChatGPT, English Education, English Skills.

INTRODUCTION

English knowledge is an important skill in various fields, both academic, professional and social studies. In addition to the development of technology, various language learning methods have been developed, ranging from traditional approaches

to the use of artificial intelligence (AI) technology. Technical integration into language learning has opened up new opportunities to improve communication skills, understand language structures, and expand vocabulary more effectively and interactively.

More and more technological innovations used in language learning are the AI model of Natural Language Processing (NLP) and ChatGPT. ChatGPT offers text-based interaction that allows users to practice writing, reading, and speaking in English through simulation. Several studies have shown that using chat in language learning improves writing and speaking skills, provides direct feedback, and creates a flexible personal learning environment. Algorithms using machine learning (ML) and natural language processing (NLP) approaches, ChatGPT develops conversational skills (Ngo, 2023). ChatGPT promises valuable instruments to help students in the educational journey. It brings great interest to students around the world (Gill & Kaur, 2023). Critical thinking. There are also challenges such as understanding cultural contexts, potential distortions, and the need for educational leadership.

In some studies, the effects of AI have been exerted on education. This includes using ChatGPT as a learning tool. Highlights the lack of research that examines student experience when using ChatGPT, but the technique has great potential to enhance learning through personalization of materials and AI-based interactions (Haleem et al., 2022). Previous research has shown that public understanding of AI remains disparate and is often influenced by media reports. One of the main advantages of ChatGPT is its ability to answer further questions that help students explore deeper information and integrate it into the knowledge they already have (Gill & Kaur, 2023). Therefore, further testing is needed to understand how to best use ChatGPT in education and to provide insights to educators and political decision-makers.

My research on the role of ChatGPT in improving English language skills explores how this technology contributes to the development of speaking, writing, reading and listening skills. In addition, it also analyzes the perceived benefits and challenges in using ChatGPT for English language learning. This research is important to examine the integration of ChatGPT in ICT-based learning to improve the effectiveness of English language learning. The results of this study are expected to provide new findings as well as implementation recommendations for formal and informal education.

Technology in English Language Teaching

According to (Lahby, 2025): Technology plays an important role in English lessons, allowing for an interactive and personalized approach to learning. Several studies have shown that the use of artificial intelligence (AI) is more effective with automated feedback, voice perception, and data customization in a database curriculum. In addition, the integration of technologies such as learning management systems (LMS)

and mobile apps has helped students improve their language skills in a more flexible and database-driven way.

ChatGPT in English Language Teaching

ChatGPT has become an increasingly popular instrument in English because it can provide interaction similar to human conversation. Several studies have shown that chatgpt can improve students' writing and speaking skills by providing immediate feedback and simulated conversation. In addition, the use of chat in language learning includes aspects such as grammar modification, vocabulary proposal, AI-based discussion, and conversation. Overall, such as the development of critical thinking through AI-based discussions. It is increasing.

RESEARCH METHOD

The methods section of this study explains in detail how the research was conducted. This includes a description of the sample used, the procedures for collecting data, as well as how the data was analyzed.

Description of Sample

This study applied the Systematic Literature Review (SLR) method to evaluate the role of ChatGPT in improving English language skills. The research sample consisted of journal articles and books retrieved from various academic databases such as Scopus, PubMed, Science Direct, and Taylor and Francis Online. Only articles published between 2020 to 2024, which address the use of Chat GPT in English language learning, are written in English, and are empirical studies in full-text format will be analyzed. Articles that do not specifically address ChatGPT in a language learning context, that involve participants outside of formal educational settings, or that are reviews with no new empirical findings, will not be included in this analysis.

Procedure

This study adopted the PRISMA (Preferred Reporting Items for Systematic Reviews and Meta-Analyses) approach. The data collection process was conducted by searching for relevant articles through specific keywords in a predefined database. Each article was then screened by title and abstract, before being analyzed in depth to ensure relevance.

Important information, such as research methods, number of participants (if any), instruments used, as well as research results were extracted and analyzed using a thematic approach. The results of this analysis are presented in the form of a narrative synthesis, which aims to provide a comprehensive understanding of the role of Chat GPT in improving English language skills.

Study Selection Criteria

This research review examines the latest empirical studies with inclusion criteria, as the following: 1) Articles listed in Mendeley, Science Direct and Taylor Francis Online, 2) Articles published in the last 5 years namely in 2020 – 2024, 3) Articles with the undergraduate student population at the university, 4) Articles that use English, 5) Articles that are original and available in full text.

RESULT AND DISCUSSION

Result

This study systematically reviews 43 journal articles on the role of ChatGPT in improving English language skills, focusing on its benefits, challenges, and pedagogical implications. The findings suggest that ChatGPT enhances writing and speaking skills through interactive feedback, AI-driven exercises, and conversation simulations. It also supports independent learning, increases student engagement, enriches vocabulary, and aids in formative assessment. However, several challenges were identified, including over-reliance on AI, lack of cultural understanding, biased responses, and potential plagiarism risks.

ChatGPT has demonstrated significant potential in English learning by providing instant feedback that helps students improve grammar, coherence, and vocabulary. Its interactive nature also enhances speaking practice by simulating real-life conversations. However, it is crucial to combine AI-driven tools with teacher supervision to ensure students critically engage with the material. While ChatGPT offers various benefits, concerns arise regarding over-dependence on AI, as students may become passive learners who rely solely on AI rather than developing independent problem-solving skills. Additionally, the risk of plagiarism increases when students use ChatGPT-generated content without proper attribution. The AI's struggle with understanding cultural nuances may lead to inaccurate interpretations of language use, and its responses are not always factually correct, necessitating human intervention for content verification.

To maximize ChatGPT's benefits while mitigating its risks, a blended learning approach is recommended. This includes training educators to integrate ChatGPT effectively in language classrooms, establishing clear guidelines for responsible AI usage to prevent plagiarism and ensure academic integrity, and encouraging active student engagement by promoting critical analysis of AI-generated responses. Furthermore, AI should not replace human teachers but rather complement traditional learning methods. Interactive discussions and peer feedback should remain a priority to enhance critical thinking and communication skills.

ChatGPT holds transformative potential in English language learning, offering personalized support and interactive learning experiences. However, its effectiveness depends on ethical implementation, pedagogical strategies, and educator

involvement. A balanced approach that integrates AI with direct teacher-student interactions will ensure optimal learning outcomes while minimizing the risks associated with over-reliance on AI technology.

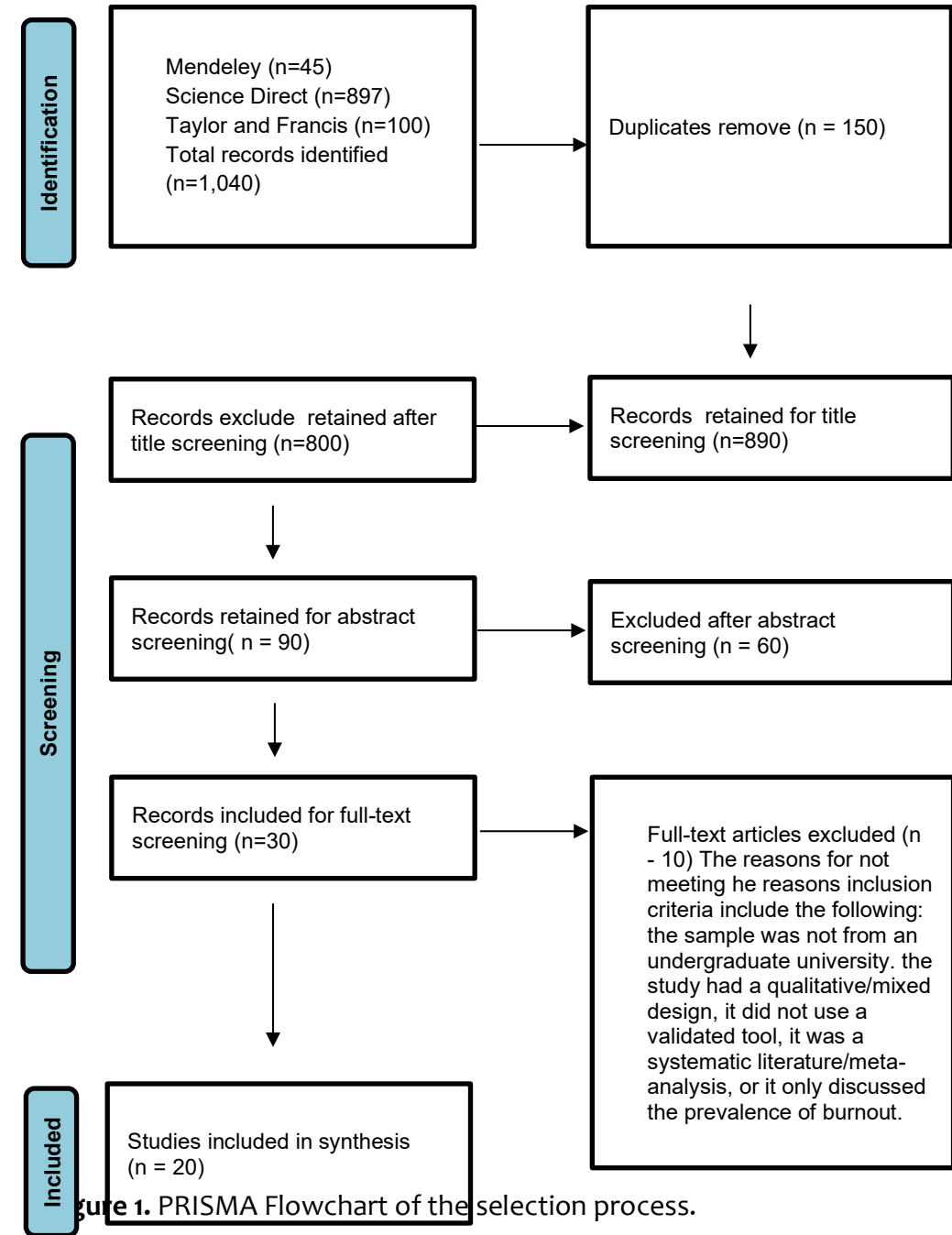


Figure 1. PRISMA Flowchart of the selection process.

Tabel 1. Summary and characteristics of the final studies selected

No	Authors	Country	Mean Characteristics	Variable	Study Design	Measure	Findings
1.	Aligning	Indonesi	This study	Independent	A	Thematic	ChatGPT can

	Theory and Practice: Leveraging ChatGPT for Effective English Language Teaching and Learning (Endro Dwi Hatmanto, Mariska Intan Sari, 2023)	a	focuses on the application of ChatGPT in English language learning.	Variable: Use of ChatGPT in English language teaching Dependent Variables: English learning effectiveness, student engagement, learner autonomy	qualitative study using interviews with English language education professionals to evaluate the alignment of ChatGPT with existing learning theories.	analysis of interviews with English language education professionals to understand their perceptions of the GPT Chat.	enhance student engagement, learner autonomy and authentic language use through strategies such as Socratic Dialogue, Role-Playing, Virtual Concept Mapping and other methods oriented towards active interaction.
2.	AI and Chat GPT in Language Teaching: Enhancing EFL Classroom Support and Transforming Assessment Techniques (Momen Yaseen M. Amin, 2023)	Irak (Cihan University - Sulaimaniya, Kurdistan Region, Iraq)	This article discusses how AI technology, specifically Chat GPT, can improve English as a Foreign Language (EFL) learning. The main focus is on personalized learning, real-time language practice, as well as more innovative and efficient assessment	Independent Variable: Use of AI and Chat GPT in language learning. Dependent Variable: Learning effectiveness, students' language skills, and assessment techniques.	Theoretical review and case study analysis on the application of AI and Chat GPT in EFL teaching.	Effectiveness of learning through AI Improved student language skills Improved efficiency and accuracy in automated assessment Ethical challenges related to the use of AI in education	AI and Chat GPT support more personalized and interactive language learning. AI-based chatbots can provide immediate feedback that helps students improve their fluency in English. AI enables a fairer, faster, and more consistent scoring system compared to traditional methods.

			t techniques using AI.				
3.	Changes In English Language Education And Strategies For Coping Against ChatGPT's Effects (Qi Wei, 2023)	China	This study discusses the changes in English education due to ChatGPT based on interviews with students and lecturers in Chinese universities .	Independent Variable: Use of ChatGPT in English language education Dependent Variable: Changes in students' learning methods and teachers' perceptions	Qualitative method through interviews with 16 participants (8 students and 8 lecturers) to understand the impact of ChatGPT on English language education.	Semi-structured interviews with four dimensions: usage, attitude, effectiveness, and confusion in the use of ChatGPT.	For Students: ChatGPT changes the way they study by providing quick answers and taking the anxiety out of asking questions. Students use it for writing inspiration and grammar correction. writing and creative thinking skills.
4.	Understanding EFL teachers' experiences of ChatGPT-driven collaborative reflective practice through a community of practice lens (Mohammad Hossein Arefian, Irem Çomoğlu, Kenan Dikilitaş, 12 October 2024)	Iran, Turki, Norwegia	This study involved four novice and four experienced EFL (English as a Foreign Language) teachers from Iran. Focus on the use of Chat GPT in teachers' professional reflection to improve their teaching	Independent variable: Use of ChatGPT in collaborative reflective practice. Dependent variable: EFL teachers' professional development.	Research method: Transcendental phenomenology approach. Data collection: Group discussion, observation , and semi-structured interviews. Data analysis: Thematic based on Moustakas' (1994) method.	Observation of teacher interaction with ChatGPT before, during and after teaching. Interviews to understand individual and collaborative reflective experiences. Field notes to capture the process of collaborative reflection	EFL teachers experienced improvements in professional reflection through interaction with ChatGPT, both individually and collaboratively. ChatGPT acted as a reflection partner who assisted teachers in lesson planning, problem solving and evaluation of teaching practice.

						within the community of practice.	
5.	The impact of Chat GPT feedback on the development of EFL students' writing skills (Petra Polakova & Petra Ivenz, October 1, 2024)	Czech Republic at the University of Hradec Kralove	Participants: 110 university students aged 19-23 Studying English as a Foreign Language (EFL) Various study programs: Applied Informatics, Economics, and Management	Feedback on students' writing via ChatGPT is an independent variable. The improvement of students' writing abilities is the dependent variable.	Using mixed approaches in a quasi-experimental design Analysis of student writing samples before and after tests Focus groups and questionnaires to gain qualitative insights	Writing is assessed according to: Conciseness Grammar Including important details and using the passive voice Combining reporting verbs and linking words	Students' writing significantly improved after getting comments via ChatGPT The areas that improved the most were organization, grammar, and conciseness. Perceptions of students: Positive reaction to the thorough feedback provided by Chat GPT
6.	ChatGPT: Vision and Challenges (Sukhpal Singh Gill, Rupinder Kaur, May 2023)	United Kingdom (Queen Mary University of London & Kings Education, London)	Main focus on the development of Generative AI, specifically ChatGPT. Highlights applications of Chat GPT in various sectors, including IoT, education,	Independent Variable: ChatGPT implementation in various domains Dependent Variable: The impact of Chat GPT on productivity, efficiency, and emerging challenges.	A literature review of various studies on ChatGPT, including its development from GPT-1 to GPT-4. Analysis of future trends related to the utilization of Chat GPT	Evaluation of ChatGPT applications based on factors such as linguistic accuracy, task flexibility, multilingual capabilities, and efficiency levels in various industries. Analysis of	ChatGPT has great potential in various fields, but still faces challenges such as data bias, security, and high energy requirements. The integration of Chat GPT with IoT could bring a revolution in human interaction

			healthcare, business, and cybersecurity.		in IoT technology and other fields.	challenges and risks, including cybersecurity, AI ethics, and environmental impact.	with technology.
7.	The transformative effect of ChatGPT on modern education: The Emerging Era of AI Chatbots (Sukhpal Singh Gill, Minxian Xu, Panos Patros, Huaming Wu, Rupinder Kaur, Kamalpreet Kaur, Stephanie Fuller, Manmeet Singh, Priyansh Arora, Ajith Kumar Parlikad, Vlado Stankovski, Ajith Abraham, Soumya K. Ghosh, Hanan Lutfiyya,	The research involved authors from institutions in the UK, China, New Zealand, the US, Canada, India, Australia, Slovenia, Austria and several other countries.	This study highlights the role of ChatGPT in modern education, including opportunities and challenges in its use across various academic contexts.	Use of ChatGPT in education. The impact of ChatGPT on teaching and learning. Academic risks, such as plagiarism and accuracy of information.	This article is a literature review study and conceptual analysis on the role and impact of ChatGPT in education.	Assessment of ChatGPT's performance in different areas of education. Evaluation of the reliability of the information provided by ChatGPT. Ethical implications and challenges of using AI in an academic setting.	ChatGPT has great potential in assisting education, such as in the preparation of teaching materials, support to students, and personalization of learning. Key challenges include the risk of misinformation, plagiarism, and concerns regarding academic validity. Appropriate regulations and implementation strategies are needed for Chat GPT to be optimally utilized in education.

	Salil S. Kanhere, Rami Bahsoon, Omer Rana, Schahram Dustdar, Rizos Sakellariou, Steve Uhlig, Rajkumar Buyya.18 June 2023)						
8.	An era of ChatGPT as a significant futuristic support tool: A study on features, abilities, and challenges (Abid Haleem, Mohd Javaid, Ravi Pratap Singh,2022)	India	This study discusses the role of ChatGPT as an AI-based support tool that has the ability to generate text, helps in various fields, and faces several challenges in its use.	Independent Variable: ChatGPT (capabilities, features, and challenges) Dependent Variable: The impact of ChatGPT in various sectors such as education, technology, and business.	Literature study and conceptual analysis of the features, benefits, and limitations of ChatGPT in various fields.	Analyze through literature review the development and impact of ChatGPT	ChatGPT has great potential in various fields including education, research, and business. This AI can improve work efficiency but also has limitations such as bias in information and potential for misuse.
9.	Student Perceptions of the Use of ChatGPT in Education (Ngo, T.T.A. 2023)	Vietnam	The study involved 200 university students in Vietnam who had used ChatGPT for academic purposes.	Main variable: Students' perception of the use of Chat GPT in learning. Sub-variables: Benefits, barriers, and potential	Methods: Online survey using Google Form that included Likert scale-based questions. Semi-structured	A 5-point Likert scale to assess students' perceptions of the benefits and barriers of ChatGPT. Semi-structured interviews	The main benefits of ChatGPT according to students: Saves time Provides information in various fields Provides personalized guidance and feedback

			30 students from the total sample were further interviewed to gain in-depth insights.	solutions to improve the effectiveness of Chat GPT in education.	interviews with 30 students for deeper exploration . Data Analysis: Quantitative data was analyzed using SPSS with descriptive tests and one-sample t-test. Qualitative data was categorized and analyzed thematically	to gain additional insight into students' experiences using Chat GPT.	Helps in writing and understanding theoretical concepts Main barriers faced by students: Difficulty in evaluating the quality and reliability of sources Proposed solution: Verifying Chat GPT answers with reliable sources.
10.	Chat GPT in Higher Education: Considerations for Academic Integrity and Student Learning (Miriam Sullivan, Andrew Kelly, Paul McLaughlan, March 21, 2023)	This article discusses cases in Australia, New Zealand, the United States and the United Kingdom.	Focus on how Chat GPT affects academic integrity and student learning in higher education. Analysis was conducted through a review of 100 news articles.	Independent Variable: Chat GPT as a generative AI tool in higher education. Dependent Variable: Impact on academic integrity and learning methods.	Methods: Content analysis of news stories discussing ChatGPT in higher education. Sample: 100 news articles selected based on inclusion and exclusion criteria. Analysis Technique:	Articles are classified by theme: concerns related to academic integrity, university responses, limitations of AI, and opportunities for learning.	The majority of the news focused on concerns related to academic integrity, such as the risk of plagiarism. There is great potential for using Chat GPT to support student learning, especially for those with limited access.

					Thematic coding using NVivo software.		
11.	"The use of ChatGPT in the digital era: Perspectives on chatbot implementation" (Pongsakorn Limna, Tanpat Kraiwanit, Kris Jangjarat, Prapasiri Klayklung, Piyawatjana Chocksathaporn, May 25, 2023)	The study was conducted in Thailand (Krabi region).	The study focuses on teachers and students in Thailand; specifically, a purposive sample method was used to pick 10 teachers and 15 students from academic institutions.	Independent Variable: Use of ChatGPT in education Dependent Variable: Perceptions, benefits, challenges, and impact on students and educators	In-depth interviews as part of a qualitative research methodology NVivo software and content analysis were used to evaluate the data.	The study examined teacher and student responses regarding ChatGPT in the classroom using theme analysis.	Positive Views: Teachers and students both thought ChatGPT was useful for responding to inquiries, offering assistance, and lightening their workload.
12.	ChatGPT in Education: Strategies for Responsible Implementation (Mohanad Halaweh, 2023)	Uni Emirat Arab	This article discusses how ChatGPT can be responsibly applied in education, considering the benefits as well as the challenges that may arise in its use.	Benefits and risks of using Chat GPT in education Responsible implementation strategies Impact on creativity, originality and academics	Literature review and analysis of issues related to the use of Chat GPT in academic contexts.	This article reviews various approaches to the use of Chat GPT, including regulation of its use, measurement of its impact on academics, and institutional policies.	ChatGPT can be a useful tool for education, but its use must be controlled with clear policies to avoid academic misconduct. ChatGPT can be used to increase efficiency in research, but it must be balanced with critical thinking skills and academic

							evaluation.
13.	Exploring Students' Perceptions of Chat GPT: Thematic Analysis and Follow-Up Survey (Abdulhadi Shoufan, 2023)	Uni Emiret Arab	<p>The study was conducted with 56 senior students in the computer engineering program at Khalifa University, UAE.</p> <p>Students used Chat GPT in learning activities and provided feedback through surveys.</p>	<p>Student perceptions of Chat GPT in the context of learning.</p> <p>The impact of Chat GPT on motivation, understanding and accuracy of information obtained.</p>	<p>A two-stage study: Thematic analysis of students' open-ended responses after using Chat GPT.</p> <p>Questionnaire-based survey (27-item Likert scale) to quantify students' perceptions.</p>	<p>Coding student response data with thematic analysis techniques using Taguette software.</p> <p>A 5-point Likert scale survey to measure the level of agreement with the features and impact of Chat GPT.</p>	<p>The majority of students (67%) had positive perceptions of Chat GPT, especially in terms of ease of use, human-like interface, and assistance in learning.</p> <p>Students were aware of the limitations of the Chat GPT, such as the accuracy of answers not always being reliable and the risk to academic integrity.</p>
14.	ChatGPT as an Educational Tool: Opportunities, Challenges, and Recommendations for Communication, Business Writing, and Composition Courses (Mohammad Awad AlAfnan, Samira Dishari,	The research was conducted by authors from the American University of the Middle East, Kuwait.	This study focuses on the use of ChatGPT as an educational tool in communication, business writing, and academic composition courses. It highlights opportunities, challenges,	<p>Independent Variable: Use of Chat GPT in an academic setting.</p> <p>Dependent Variable: The impact of ChatGPT use on learning, educational effectiveness, and potential challenges.</p>	<p>Experiment-based empirical study involving 30 theory- and application-based tests using Chat GPT.</p> <p>Using mixed-method with quantitative (Turnitin similarity index) and qualitative (assessment</p>	<p>Plagiarism Similarity Index: Testing Chat GPT with Turnitin to see how unique or similar the responses are.</p> <p>Assessment Grading: Evaluation of ChatGPT responses based on rubrics used by lecturers to assess the</p>	<p>ChatGPT can provide accurate answers to theory-based questions, making it a potential alternative to traditional search engines.</p> <p>Plagiarism detection by Turnitin is not always successful as Chat GPT can produce well-paraphrased</p>

	Marina Jovic, Koba Lomidze, March 6, 2023)		and recommendations for the integration of Chat GPT in academic environments.		t by lecturers using rubrics) approaches .	quality of answers in communication, business writing, and composition essays.	responses.
15.	Unlocking the Power of Chat GPT: A Framework for Applying Generative AI in Education (Jiahong Su (University of Hong Kong) & Weipeng Yang (Hong Kong University of Education), 2023)	Hong Kong	This study addresses the use of Chat GPT in education by developing a theoretical framework called "IDEE" (Identify, Determine, Ensure, Evaluate). Highlighting the benefits and challenges of using ChatGPT as an educational AI.	The main variables studied were the benefits and challenges of ChatGPT in education.	This study is a conceptual study that proposes a theoretical framework for the application of generative AI in education.	The evaluation involved reviewing existing literature and developing a framework for the application of ChatGPT in education.	Chat GPT can enhance a more personalized and efficient learning experience for students and provide faster feedback for teachers. Key challenges include the technology's untested effectiveness, limited data quality, and ethical and security considerations.
16.	Analyzing College Students' Views, Concerns, and Ethical Perceptions on the Use of ChatGPT	The research was conducted in the United Arab Emirates (UAE),	Participants: 388 students from two universities in Al Ain Demographics: 73.1% male, 26.9%	Independent Variable: ChatGPT Usage Dependent Variable: Students' views on Chat GPT	Research Design: Quantitative, questionnaire-based survey Sample: 375	The research instrument was a five-part questionnaire: Demographics Use of Chat	Students consider Chat GPT as a revolutionary technology that helps in various academic tasks.

	(Faycal Farhi, Riadh Jeljeli, Ibtehal Aburezeq, Fawzi Fayez Dweikat, Samer Ali Al-shami, Radouane Slamene, November 7, 2023)	involving two universities in the city of Al Ain.	female Age range: Majority 17-25 years old Education level: Undergraduate students (50.4%), graduate (25.9%), master (21.1%), doctoral (2.7%) students	Students' concerns about using Chat GPT Perceived ethics in the use of Chat GPT	university students after data screening Analysis Method: Partial Least Square-Structural Equation Modeling (PLS-SEM).	GPT Students' views on Chat GPT Students' concerns Perception of ethics in the use of Chat GPT Reliability was tested with Composite Reliability (CR) and Cronbach's Alpha (CA), showing high validity values.	Key concerns: Over-reliance on ChatGPT may reduce critical thinking and creative writing skills. Ethical dilemmas: The use of Chat GPT is seen as beneficial but also raises concerns regarding academic honesty and plagiarism. Suggested solution: Educational institutions need to establish guidelines for the use of Chat GPT to ensure its use remains ethical and productive.
17.	Empowering Digital Education with ChatGPT: From Theoretical to Practical Applications (Mohamed Lahby (Editor), 2025 (First Edition))	The book includes authors from various countries, including the United States, Ghana, Morocco	This book discusses the application of ChatGPT in digital education, highlighting the transformation of learning with AI technology	Use of GPT Chat in digital learning. Interactions between students, lecturers, and AI technologies in different levels of education. The impact	This book compiles various studies and analyses from researchers in the field of education and AI technology. The research	Use of ChatGPT in improving student engagement . Effectiveness of AI in adaptive learning and virtual tutors. The influence of	ChatGPT has great potential in enhancing digital learning by providing personalization support, better accessibility, and interactive methods in learning. The use of AI can help students and

		o, Indonesia, Germany, Australia, Vietnam, Romania, Oman, Canada, Spain, Serbia and Malaysia.	es. Aimed at students, academics, and education professionals. Explores the concepts of student engagement, personalized learning, intelligent tutors, virtual classroom interaction, and AI-based assessment and feedback.	of AI on adaptive learning and personalization of education.	methods vary from case studies, surveys, to bibliographic analysis related to the use of ChatGPT in education.	ChatGPT on teaching and assessment strategies. Ethical challenges and implementation of AI in the education system.	educators understand the material more deeply through automated feedback and AI-based assessment. A clear policy on the ethics and limitations of using ChatGPT in education is needed so that it does not replace students' critical thinking.
18.	A SWOT Analysis of ChatGPT: Implications for Educational Practice and Research (Mohammadreza Farrokhnia, Seyyed Kazem Banihashem, Omid Noroozi & Arjen Wals, 27 March 2023)	The study was conducted by researchers from Wageningen University and Research, the Netherlands, and The Open University,	The SWOT analysis of ChatGPT in the educational field looks at its advantages, disadvantages, possibilities, and threats. It offers a thorough analysis of the body of research	Independent Variable: Use of ChatGPT in education Dependent Variables: Educational effectiveness, student engagement, academic integrity, personalized learning	In order to assess ChatGPT's influence on education, a SWOT analysis and literature study were carried out, highlighting both its possible advantages and disadvantages.	The study divides the results into four categories: Strengths: Personalized learning, self-improving capabilities, AI-generated believable responses, and less teaching effort.	By offering interactive and adaptable teaching resources, ChatGPT has the potential to improve educational experiences. It can lessen the effort for teachers and enhance students' access to knowledge.

		Heerlen, the Netherlands.	on the application of chatbots driven by AI in education, with a focus on higher education.				<p>But issues like prejudices, academic dishonesty, and a lack of critical thinking skills must be addressed.</p> <p>According to the report, educational establishments must to create frameworks for the responsible integration of AI into teaching and learning procedures.</p>
19.	Chatting and Cheating: Ensuring Academic Integrity in the Age of GPT Chatting (Debby R. E. Cotton, Peter A. Cotton, J. Reuben Shipway, March 13, 2023)	United Kingdom (UK)	<p>The study looks into Chat GPT's benefits and drawbacks in higher education, especially as it relates to academic integrity. It talks about how Chat GPT improves accessibility, engagement, and teamwork while also bringing up</p>	<p>The use of Chat GPT in higher education is an independent variable.</p> <p>Dependent variables include student participation, academic integrity, and the efficiency of plagiarism detection.</p>	Qualitative examination of AI-driven writing tools and their educational consequences based on a review of the literature and expert talks.	The study covers a variety of tactics for stopping academic dishonesty, such as creating policies, educating students, and using tools to identify information produced by artificial intelligence.	<p>There are advantages and disadvantages of ChatGPT in the classroom. Although it can encourage student involvement and learning, it also makes upholding academic integrity more difficult.</p> <p>To reduce cheating opportunities, universities need to be proactive and adopt</p>

			issues with plagiarism and cheating.				measures including tightening regulations, enhancing detecting tools, and revamping tests.
20.	What can't Chat GPT do in education? Evaluate its effectiveness in assessing educational learning outcomes (Samson Damilola Fabiyi, March 21, 2024)	United Kingdom (School of Computing, University of Leeds, Leeds, UK)	<p>This article explores Chat GPT's ability to assess learning outcomes in education, particularly in assessing conformity with SMART (Specific, Measurable, Achievable, Relevant, Time-bound) criteria.</p> <p>The study highlights the role of Chat GPT in curriculum design and educational evaluation.</p>	<p>Independent : Chat GPT's ability to assess learning outcomes</p> <p>Dependent: The accuracy and effectiveness of Chat GPT in aligning learning outcomes with SMART criteria.</p>	<p>Methods: Qualitative analysis using structural and conversational analysis approaches .</p> <p>Data Source: Learning outcomes from computer science modules at the University of Leeds</p>	<p>Evaluation Criteria: Compliance with SMART criteria, clarity of learning outcome components (verbs, content, and context).</p> <p>Instrument: GPT Chat is used to assess learning outcomes based on specific parameters.</p>	<p>Chat GPT is able to evaluate learning outcomes reasonably well based on SMART criteria.</p> <p>It can identify the basic components of learning outcomes (verbs, content and context).</p> <p>Despite its great potential in assisting educational design, Chat GPT still requires human involvement for a more in-depth and contextualized assessment.</p>

Discussion

The integration of chatgpt into English education has sparked a comprehensive debate about its benefits, challenges, and educational implications (Gill et al., 2024). AI manipulation tools such as chatgpt include interactive and adaptive learning experiences, concerns about academic integrity, the quality of answers generated by AI, and the possibility of excessive technology dependence (Alafnan et al., 2023). Chat GPT capabilities are widely recognized, supportive, speak, listen, read, but their limitations unders underline the need for strategic and ethical implementation in educational settings (Haleem et al., 2022).

One of the main advantages of chat in English education is its ability to provide real feedback, especially in writing development (Polakova & Ivenz, 2024). Research shows that students who write assignments using CHATT show improvement in grammar, consistency and general text structure (Hatmanto & Sari, 2023). In addition, Chat GPT allows students to try different writing styles, improve their vocabulary, and complete sentence construction with AI-based suggestions (Amin, 2023). Although Chat GPT Improving the revision process, some scientists argue that students can prevent participation in language rules because they may be too dependent on revisions made by AI instead of developing independent processing skills (Halaweh, 2023)

In addition to writing, it was also found that Chat GPT supports English language skills through interactive chatbot talk, helping students practice pronunciation, compassion and dialogue contracts. AI-driven interaction provides a safe and non-judgrating environment where students can generate trust in their speech skills without fear of error (Shoufan, 2023). In addition, chatgpt can simulate real-world dialogue and allow students to engage in contextual language practice (Su & Yang, 2023). Despite this advantage, research shows that AI chatbots do not have emotional intelligence And understanding of human instructor culture, and can limit the effectiveness of the use of practical language in education (Hatmanto & Sari, 2023). The impact of chat on academic integrity remains a major issue (Sullivan et al., 2023) Some students abuse AI tools to create essays, homework, and even exams, raising ethical issues related to plagiarism and the development of original thinking (Farhi et al., 2023). Research also shows that the use of unregulated chat can make flat learning This learning depends on content generated by AI without students being critically involved in the material (Wei, 2023). To overcome this problem, educators support Integration of responsible chat and emphasizes the importance of installing learning It aligns critical thinking and direction with critical thinking and direction (Synekop et al., 2024) under the direction of people as an educational tool.

Another challenge associated with chatgpt is the potential distortion and accuracy of answers generated by AI (Farrokhnia et al., 2024), because AI models are trained on large-scale data collection, they can create misleading, false or distorted information,

especially in complex language-based learning scenarios (Lahby, 2025) This concern is especially relevant to English (ESP) courses where students need appropriate language support and certain domains. To overcome this problem, educators need to guide students to confirm Cross reference between AI generated answers and related sources (Halaweh, 2023).

Despite these challenges, the integration of chat in English language education offers many opportunities when used effectively. Research shows that a mixed learning approach, where AI tools are used in conjunction with traditional teaching methods, can optimize language acquisition (Gill et al., 2024) for example, Chat GPT can be written in classroom activities such as guided essays, role-playing exercises, and personalized learning modules (Haleem et al., 2022). In addition, educators use chatgpt for formative assessment to help students identify strengths and areas for their own improvement (Arefian et al., 2024).

Students' perceptions of chat vary greatly with their intimacy with digital literacy and AI technology Some students respect their convenience, accessibility, and ability to provide live support, while others remain skeptical of their accuracy and reliability (Lahby, 2025). This study highlights that students who are actively involved in chatgpt learning tend to develop stronger and independent learning habits because they have access to AI support anytime, anywhere (Farrokhnia et al., 2024). However, this task ensures that students use it as a supplement rather than As an alternative, teacher's direction, and peer cooperation (Su & Yang, 2023).

Future research should focus on improving pedagogical chat skills and ensuring that they are in line with various learning needs and teaching contexts. AI-based voice models need to be improved to provide a more personal and conscious learning experience, especially when teaching idiomatic representations, cultural nuances, and real voice applications (Haleem et al., 2022). In addition, training programs for educators must be developed to improve the ability to integrate Chatt effectively into educational practice (Hatmanto & Sari, 2023).

In the end, while Chat GPT presents transformative potential in English learning, its success depends on responsible use, ethical considerations, and continuous improvement of AI technology (Arefian et al., 2024). Educators, institutions, and policy makers must work together to develop guidelines that maximize the benefits of Chat GPT while overcoming its limitations (Su & Yang, 2023). By achieving the right balance between AI-driven learning and human-led instruction, Chat GPT can function as a powerful tool in improving students' English language skills, critical thinking, and digital literacy skills (Gill et al., 2024).

CONCLUSION

The integration of chatgpt in English education offers important benefits and important challenges One of the main benefits is the ability to improve writing skills by

providing real-time feedback and helping students improve grammar, consistency, and overall text structure. In addition, Chat GPT supports the development of various writing styles, expanding vocabulary, and building sentences with advice from AI. However, some researchers warn that the revision of excessive linkage to AI will hinder students' independent skills in language processing and their ability to effectively internalize language rules. In addition to writing, Chat GPT also contributes to speech skills through interactive chatbot chat, thus practicing pronunciation and engaging in contextual dialogue. While AI-driven interaction promotes a safe environment for language training, the lack of emotional intelligence and cultural understanding remains the main limit of practical language use. In addition to the possibility, chatgpt raises concerns about the accuracy and responses generated by AI. Some students are tools that are abused for academic fraud. B Important tasks or tasks without participation.

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