Research on Challenges and Reshaping of Role of College English Teachers in the Context of the AI Era

Li Xin

Shijingshan Community College, Shijingshan District, Beijing, China

Abstract: The application of intelligent technology has prompted the education industry to enter an AI era of human coexistence with machine. The AI era has greatly impacted traditional education models, and English teachers in universities have encountered new challenges in the AI era. Teachers should reshape their own positioning in order to adapt their teaching methods to the development of the new era. This paper mainly explores the challenges and reshaping of college English teachers in the AI era.

Keywords: College English; AI Era; Character Reshaping

1. Introduction

The rapid development of modern information technology has brought society into the era of artificial intelligence, which has to some extent changed people's lives. College English teachers can use artificial intelligence technology to obtain more teaching resources, but this technology also affects the role of English teachers. For example, teachers have transformed from traditional knowledge transmitters to guiders for student learning. Teachers should adapt to their own role changes as soon as possible and provide better teaching for students.

2. The challenges of role of College English teachers in the AI era

2.1 Wavering in Knowledge Authority

The important task of college English teachers is to disseminate knowledge. Teachers become classroom authorities due to their rich knowledge, and they are the main source of English knowledge for students [1]. However, the new era of information technology has changed the way college students perceive the world and acquire knowledge. Students can use mobile phones, intelligent robots, computers, and other means to search for English learning resources, and they can also use online education platforms to carry out learning activities such as course learning, homework discussions, and online exams. Intelligent products and technologies provide students with more ways to learn English knowledge, and teachers are no longer the authoritative source for students to learn English. Therefore, the authority of teachers as knowledge transmitters faces great challenges.

2.2 Changes in the Status of the Teaching Center

In the new era, advanced artificial intelligence products have more efficient language teaching efficiency and effectiveness, and intelligent teaching is more interesting. For example, intelligent products can generate diverse texts, audio, images, etc., which can provide students with a richer sensory learning experience, making them more immersed in classroom learning [2]. The accuracy of intelligent teaching is higher. Intelligent teaching can deeply analyze students' learning data and behavior, and develop targeted learning plans for students. It can not only carry out teaching activities like College English teachers, but also guide students to engage in deep learning, help students fully grasp their language learning situation and achieve lean and refined English teaching. It can be seen that artificial intelligence products can greatly challenge the role of College teachers in teaching according to their aptitude, and will pose higher challenges to the development of daily teaching work.

2.3 Weakness in the Leading Role of Humanistic Values

College English teachers can be seen as social representatives in traditional education, and they have the characteristic of social norms, which requires teachers to explain social behavior, values, beliefs, attitudes, and other

social cultures to students in teaching. That is to say, teachers need to demonstrate social morality to students, spread social values to students, and guide students on how to be a good person [3]. But in the new era, new media such as the internet have significantly expanded the channels of communication between people. Students can use new media to freely choose information, and they can independently choose the values they agree with. Therefore, the discourse power of teachers is challenged. The educational advantages of artificial intelligence further enhance the impact of technological rationality on humans, and weaken the emotional and life dimension in teacher-student interactions. It will encourage college English teachers to unconsciously follow the logic of technology to handle things, one-sided pursuit of cultivating students' English skills, and neglect the humanistic and nurturing nature of the English subject, and finally the leading role of humanistic values of college English teachers has been weakened.

3. Reshaping the role of College English teachers in the AI era

3.1 Learning Intelligent Technology to Promote the Coordinated Development of English Teaching and Artificial Intelligence in Universities

The effective integration of artificial intelligence technology in college English education will further promote the transformation of college English teaching methods and the creation of smart teaching classrooms. In the new era, college English teachers should first learn intelligent technology and learn how to use new technologies such as artificial intelligence for teaching [4]. Teachers should adopt an open, positive and optimistic attitude towards the development of artificial intelligence technology, and break through traditional teaching methods that rely on blackboards and chalk. And they also should learn how to integrate online and offline teaching, promote research on English teaching in universities through language intelligence technology, gradually innovate conventional teaching models, and gradually apply intelligent technology to daily teaching processes, so as to promote further improvement of teaching

quality.

3.2 Emphasizing Language Learning Collaboration to Integrate Collective Teaching with Personalized Tutoring

Under the traditional English teaching model in universities, teachers play a dominate role in the English classroom, and the relationship between teachers and students is presented as teaching and receiving. In the era of AI, English teachers are more focused on designing learning activities for students, accompanying, motivating, and supervising them to engage in learning activities. Teachers value interaction with students more in their teaching and are committed to building an equal and harmonious teacher-student relationship. They have transformed into collaborators in language learning activities, and teaching activities have gradually changed from one-way indoctrination to participation and interaction [5]. The new role of English teachers is to be knowledge explorers, and teachers should encourage students to discover, innovate, and apply knowledge in the classroom. In the actual teaching process, teachers do not need to spend too much time and energy explaining theoretical content such as the author and background of the article, vocabulary meaning and usage, sentence structure and translation to students. Teachers can guide students to use language intelligence products to acquire these theoretical knowledge. Teachers should focus more on guiding students in language learning methods and corresponding strategic skills, guiding them to engage in exploratory and open learning. For example, English teachers in universities should guide students to see the essence through phenomena, guide them to deeply understand the underlying thinking and emotions based on surface language and structure, compare the similarities and differences between Chinese and Western cultures, help students grasp the laws of English learning, and promote significant improvement in the efficiency and effectiveness of English learning for students. At the same time, information technology makes students be the center of the classroom. In smart education classrooms, students can learn English knowledge through intelligent carriers or devices, and teachers do not need to conduct large-scale systematic teaching on

students. The scientific and rational use of artificial intelligence by teachers can provide more accurate knowledge and skills required for English learning, as well as quickly understanding students' English learning data, thus providing personalized English guidance for students. Therefore, in the era of artificial intelligence, teachers need to pay more attention to students' learning, break through the limitations of fixed teaching content, evaluation systems, and teaching equations, use information technology to systematically, comprehensively, and dynamically analyze individual language learning data of students, create personal learning profiles for students, and design different teaching plans for different types of learning to achieve personalized teaching and improve teaching efficiency.

3.3 Leading Core Values and Integrating Knowledge Transmission with Humanistic Education

The role of college English teachers in disseminating knowledge may be weakened in the era of artificial intelligence, but their role in shaping the soul and nurturing people will continue to be strengthened [6]. College English teachers are no longer traditional in imparting language knowledge and skills to students, but truly engage in education. They effectively inspire students' spiritual growth and lead students to shape their core values in education. As a product created by humans using information technology, machines do not possess the emotional power that humans possess. Artificial intelligence can provide students with rich knowledge experiences and help them accumulate intellectual knowledge, but it cannot provide emotional care to students. If students overly rely on artificial intelligence products for learning and lack real-life communication with teachers and classmates, their interpersonal communication skills will be difficult to improve, which is not conducive to their personal growth and development. Therefore, English teachers in universities need to attach importance to emotional communication with students, pay attention to their growth moments, and provide corresponding help in a timely manner when students encounter difficulties, and improve humanistic care, so as to make English teaching more warm.

The artificial intelligence database contains a large amount of knowledge information, which provides great convenience for students to obtain English knowledge. However, if students rely too much on the artificial intelligence database, it will gradually make them satisfied with the knowledge answers in the database, and their problem awareness and critical spirit cannot be well cultivated. To this end, English teachers in universities can utilize the advantages of artificial intelligence products such as Chat GPT in English language skill training, reduce the time spent on basic skills teaching in English classrooms, provide more critical thinking training for students, and guide their thinking and innovation, so as to effectively cultivate their critical and innovative thinking during training and enable students to identify information from artificial intelligence databases.

Artificial intelligence products train students based on large-scale data. Intelligent products place more emphasis on language teaching rather than cultural content teaching, which is not conducive to cultivating students' cross-cultural communication abilities. Language carries a certain ethnic culture and can reflect a country's history, culture, values, beliefs, ways of thinking, and customs. Learning English language can help students understand a broader world. College English teachers should always adhere to the correct value orientation, cultivate moral character in education, strengthen the disciplinary awareness of English teaching as cultural and cross-cultural teaching, fully integrate humanistic education with artificial intelligence, focus on cultivating students' English skills, professional knowledge, and cultural literacy, and guide them to form correct values. At the same time, college English teachers should consciously integrate Chinese culture and socialist core values into English classroom teaching and extracurricular practice, enhance students' cultural identity unconsciously, and cultivate their core competencies such as humanistic heritage, patriotism, and responsibility.

4. Conclusion

In summary, it can be seen that the knowledge authority role and teaching center position of college English teachers in the AI era are facing new challenges. College English

teachers should change their roles, actively learn intelligent technology, integrate artificial intelligence technology into subject education and teaching, attach importance to communication and interaction with students, guide students to establish correct core values in teaching, and meet the personalized learning needs of modern college students, so as to enhance the quality of talent cultivation in universities.

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