

Research on the Construction of English Translation Teaching Mode based on Deep Learning Model and Artificial Intelligence

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Abstract: As globalization continuously deepens, the importance of English translation in various fields has become increasingly prominent. Therefore, how to improve the level of English translation teaching and cultivate more excellent translation talents has become an important task for English translation teaching in the new era. The rise of artificial intelligence technology provides new ideas and methods for college English translation teaching. The application of artificial intelligence has endowed college English translation teaching with the ability to change traditional teaching methods and improve students' learning efficiency. Based on this, this paper will discuss how artificial intelligence can empower college English translation teaching and how to improve students' English translation ability through artificial intelligence technology support, expecting to provide some reference value for college English translation teaching and promote the development of English teaching.

Keywords: Deep Learning; Artificial Intelligence; English Translation; Teaching Mode

1. Introduction

Under the background of artificial intelligence, the field of education is also undergoing unprecedented changes. As an important part of higher education, college English translation teaching is facing new challenges and opportunities. How to use artificial intelligence technology to innovate translation teaching mode and improve the quality of translation teaching has become a hot issue in the current education field. However, traditional teaching methods are often unable to meet students' individual needs due to their lack of pertinence in teaching content and methods. Therefore,

the introduction of artificial intelligence technology is conducive to better analyzing students' English translation learning and pushing more accurate teaching, thus improving the teaching effect. In college English translation classrooms, with the help of artificial intelligence, we can transform boring theoretical content into vivid video forms, which can be presented to students more intuitively. This innovative motivate their learning motivation and enthusiasm, thereby improving their translation level.

2. Application of Artificial Intelligence Technology in College English Translation Teaching

In the current information age, artificial intelligence technology is gradually being rooted into all fields of our life. Artificial intelligence, artificial intelligence, cloud computing and deep learning influence language teaching from various aspects.

In the process of traditional college English translation teaching, students cannot fully understand the relevant translation theories due to the lack of perfect English translation practice space, let alone apply them reasonably. online translation platforms are more and more widely used in teaching. These platforms provide students with convenient and quick translation services to help them better understand the course content and improve their learning efficiency. First of all, online translation platforms can help students overcome language barriers and make them more confident in the learning process. As for students from non-English speaking countries, English is difficult, but online translation platforms can provide real-time translation to help them understand the course content and improve their learning effect. Secondly, online translation platforms are a powerful assistant for

students to improve their language skills. By participating in translation exercises, students can constantly enhance their language competence and improve their translation levels. Finally, online translation platforms can also help teachers improve the quality of teaching, because teachers can use these platforms to provide students with course materials. Besides, teachers can use these platforms to interact online and communicate with students, thus improving teaching effectiveness.

3. Reform and Innovation of Artificial Intelligence-Empowered College English Translation Teaching Mode

3.1 Let Students participate in The Classroom In an “Immersive” Way

Artificial intelligence has significantly changed the field of education. The flipped classroom from the perspective of artificial intelligence is an effective teaching mode, which can not only improve students' translation skills and English ability but also promote their autonomous learning and cooperative learning and enable educators to deeply understand students' learning situation so that teachers can carry out more effective classroom teaching design. Flipped classroom, as a new teaching mode, hands over students as the leading factor and lets students have “immersive” participation in the classroom, while teachers carry out targeted auxiliary guidance in the classroom. This teaching mode is translation skills in college English translation teaching.

3.2 Multi-Evaluation Model

As information technology develops rapidly, artificial intelligence has become an important tool to promote education reform and innovation. In the field of education, the application of artificial intelligence provides an effective way to construct a multi-evaluation system. The traditional college English translation teaching evaluation model mainly depends on single means such as homework, classroom performance and test scores, which can not fully reflect the students' learning effect and skill improvement. However, the application of artificial intelligence technology can provide both a more comprehensive, scientific and

effective multi-evaluation model and data support for educational decision-making and reform. Moreover, the use of multiple evaluation models can comprehensively consider students' translation level, learning attitude, teamwork ability, and classroom participation, thus more objectively reflecting students' comprehensive quality.

3.2.1 Application of multi-evaluation model in college English translation classroom

Artificial intelligence technology can help students better master translation skills and enhance their translation levels. Teachers can formulate more scientific and reasonable translation teaching plans according to students' learning behaviors, learning results, and so on. For example, artificial intelligence technology can help teachers collect and integrate data on students' performance in the classroom, translation assignments, online learning records, learning duration, and learning efficiency, thus forming a comprehensive learning profile. Data analysis is a process of in-depth study of these data. Through analyzing these data, teachers can better understand students' learning situation, including learning difficulties, weak links, learning interests, etc., thus formulating more targeted teaching strategies. Finally, evaluation feedback is the results based on data analysis. Teachers can provide students with personalized learning feedback, including learning suggestions and improvement directions, helping students better master translation skills. Such a data-driven teaching method can improve the teaching effect and enable students to get better guidance and support in the learning process. Thus, constructing a multi-evaluation system is an effective way to promote students' all-round development. By adopting comprehensive, targeted, real-time and sustainable evaluation criteria and methods, teachers can better understand students' learning needs and characteristics, thereby formulating a more scientific and reasonable translation teaching plan and promoting students' all-round development. Furthermore, based on the multi-evaluation system, students can also better understand their own learning achievements and shortcomings and improve their translation levels and comprehensive qualities.

Artificial intelligence technology provides new possibilities for the construction of a multi-evaluation model in college English translation teaching. On this basis, teachers can formulate more targeted teaching strategies. In the future, we expect to see more innovative models of promote education reform and innovation.

3.2.2 Advantages of multi-evaluation system

A scientific translation ability evaluation system can significantly motivate students' enthusiasm for learning and cultivate their independent learning capabilities. Therefore, it is necessary to construct a university translation evaluation system and realize multiple quantification through artificial intelligence. Meanwhile, teachers can dynamically grasp students' learning situation and formulate more scientific teaching plans by collecting and analyzing data such as students' learning behavior and learning outcomes. Its advantages are as follows: firstly, diversified evaluation subjects. In the traditional college English translation teaching, evaluation subjects are usually teachers, while students only complete learning tasks passively, with low participation. In the multi-evaluation system, the evaluation subject should be diversified, including teachers, students, peers, etc. Through multi-dimensional evaluation, students' learning situation can be understood more comprehensively and learning effect can be improved. Secondly, diversified evaluation content. In the traditional college English translation teaching, the evaluation content is relatively simple, mainly focusing on students' translation achievements; in the multi-evaluation system, the evaluation content is more diversified, and in addition to translation scores, students' learning attitude should also be one of the important contents of evaluation. Students' active participation, active learning and cooperative spirit should be included in the evaluation. Moreover, students' learning outcomes should also be fully considered, including their performance in the classroom, the completion of their homework, as well as their mastery of the knowledge they have learned. Thirdly, diversified evaluation methods. The evaluation method of artificial intelligence empowerment is not limited to

summative evaluation, that is, final grades, and formative assessment, summative assessment, students' self-assessment and peer assessment will also be adopted. Teachers can employ formative assessment to timely understand students' learning progress and give timely guidance and feedback. Summative assessment can summarize and evaluate students' overall learning situation. In addition, students' self-assessment and peer assessment can cultivate their self-reflection and cooperation capabilities and promote their learning growth. Fourthly, the evaluation tools also need to be diversified, not just limited to paper and pencil test tools such as test papers, but a variety of evaluation tools such as oral expression, writing assignments, group discussions, and project reports can also be used to better examine students' comprehensive abilities and practical application abilities.

3.2.3 Application effect of multi-evaluation system

The application effect of the multi-evaluation system can be evaluated from different perspectives: first of all, improving students' learning effect. By constructing and applying the multi-evaluation system, students' learning situation can be understood more comprehensively, the shortcomings in students' learning can be found, and then corresponding measures can be taken to improve them, which is conducive to improving students' translation levels and learning effects; Secondly, improving teachers' teaching quality. Based on the construction and application of the multi-evaluation system, teachers' teaching situation can be more fully understood, the problems and shortcomings in teaching can be found out, and corresponding improvement measures can be taken to significantly improve teachers' teaching qualities and teaching levels; Thirdly, promoting education equity. The multi-evaluation system can consider students' differences, making education evaluation more fair and comprehensive. The traditional evaluation model often only focuses on students' academic performance but ignoring their hobbies, personality characteristics and expertise. Through the multi-evaluation system, teachers can

understand the characteristics of each student, and then provide them with educational resources and teaching support that are more in line with their characteristics, so that educational resources can be more reasonably allocated and educational equity can be promoted; Fourthly, promoting educational innovation. The multi-evaluation system focuses on students' practical ability and encourages students' exploration and discovery spirit in learning and practice, which can not only enhance students' comprehensive qualities but also provide more ideas and directions for educational innovation. Based on the construction and application of the multi-evaluation system, the transformation of education from traditional knowledge transfer to ability training and innovation-driven can be promoted, and the improvement of education quality and the in-depth development of education reform can be driven.

4. Conclusion

In conclusion, it is of great significance college English translation through artificial intelligence. By using artificial intelligence analysis, teachers can understand each student's learning needs and learning styles more accurately, thus realizing personalized translation teaching. This individualized teaching method can provide each student with

a teaching method that conforms to their learning needs and characteristics, and help them better absorb and understand translation knowledge, thereby improving their learning effect. Moreover, students can also use these resources to learn independently and improve themselves to improve their cross-cultural literacy. When faced with the challenges.

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