

Training Model of College Foreign Language Talents in the Era of Digital Intelligence

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Abstract: The training model of college foreign language talents is in urgent need of transformation to adapt to high-speed development of digital intelligence. This paper mainly analyzes the impact of digital intelligence on foreign language teaching and explores four corresponding ways to innovate current training model, aiming to be applied in other similar colleges.

Keywords: Training model; Foreign language talents

1. Introduction

Digital intelligence refers to the ability to utilize the power of digital technology to make human life efficient, intelligent and automated. It involves artificial intelligence, big data and cloud computing, etc. Digital intelligence is bringing about tremendous changes in economy, working, social interaction as well as education.

2. Impact of digital intelligence on college foreign language teaching

The progress of digital intelligence leads to the reform of higher education, and also has a far-reaching significance to college foreign language teaching, giving rise to plenty of new teaching modes such as computer-based teaching, web-based foreign language teaching, blended teaching and smart teaching, etc.

The application of intelligent technology such as language processing, virtual reality, human-machine interaction and chat robot, promoting language teaching to break the limitations of time and space to a large extent. It shapes a quite authentic language environment and different cross-cultural scenes for language teaching so that teaching effects and efficiency would be reinforced. Digital technologies also realize intelligent monitoring, assessment and feedback in foreign language teaching.

Specifically, digital intelligence contributes to a more convenient, individualized and interactive atmosphere for foreign language teaching. For example, teachers can easily record students' performance in knowledge acquisition, classroom interaction and group cooperation through digital tools. Then generated learning behavior analysis can be beneficial for teachers to achieve improvements of teaching behavior.

Based on the impact of digital intelligence on college foreign language teaching, researchers are trying to reform conventional training model and explore new ways of cultivating foreign language talents.

3. Innovative training model of foreign language talents

In the era of digital intelligence, colleges and universities are urgently needed to revolutionize the training model so as to cultivate integrated and high-level compound and digital language talents. The following four ways are summarized to provide a general idea about innovative training model of college foreign language talents.

3.1 Transferring training objectives and updating curriculum program

Digital literacy has been one of the fundamental abilities for college students in the digital age. Colleges of foreign language should not only aim to cultivate talents in language but also digital talents with digital thinking and intelligent computing skills.

Adapting to the technological progress is essential for the cultivation of foreign language talents. Colleges are required to update the curriculum program in accordance with the trend of digital intelligence, integrating existing courses to realize optimization and establishing new courses based on development of digital intelligence.

A series of General Courses related to digital intelligence should be set up, such as An Introduction to Artificial Intelligence, Artificial Intelligence and Big Data, Digital Humanities and so on. These courses could acquaint students basic concepts of digital intelligence and boost their digital thinking. Some public practical courses like The Application of Digital Technology could also enhance students' problem-solving

ability through digital tools.

Specialized Courses should be adjusted to combine digital intelligence and foreign language teaching. For example, colleges shall provide students major in English translation with more digital courses ranging from Translation Corpus to ChatGPT and Corpus, Machine Translation and Editing as well as Technical Communication and Writing, enabling students to implement digital learning through digital technologies and keep pace with the age of digital intelligence.

Conclusively, an innovative digital immersive course system would be shaped by applying digital intelligence into the whole curriculum programs, exerting influence to not only general courses and public practical courses for all college students but also specialized courses for foreign language majors.

3.2 Constructing a digital intelligent platform

Nowadays, online resources and platforms like MOOC, Superstar and iwrite have demonstrated the vigor during the development of times and they facilitate the implementation of shared and inter-disciplinary learning.

Colleges of foreign languages should step up efforts to build a superior digital platform that provides digital resources and more authentic materials, creates virtual situations for various language contexts, and even makes talks between students and foreigners come true by utilizing artificial intelligence.

This digital platform is supposed to involve several sections like Digital materials, Virtual conversation, Digital apps and tools, Virtual department of teaching and research, Intelligent community and so on.

By getting in touch with this digital intelligent platform, the new generation of students would be aware of latest digital technologies and possess high-level language competence and intercultural communication competence as well as the abilities of digital thinking and data analysis, better adapting to the era of digital intelligence.

3.3 Extending online and offline blended teaching

The developing digital intelligence accelerates the transformation of teaching methods, therefore, linking blended teaching with foreign language teaching is of vital significance for cultivation of digital and intelligent talents.

Digital intelligent platforms and tools are necessary for online blended teaching process. Based on the above-mentioned digital intelligent platform, a virtual online language environment could be ensured, in which teachers shall implement real-time interaction, instant feedback and whole-process monitoring. Making use of digital and intelligent tools such as generative AI plays a quite important role in online teaching since it can assist foreign language students practice their English speaking, debating and negotiating in experimental environments.

What's more, integrating online teaching resources is essential to enforcement of online blended teaching. Various types of online courses should be established to supplement college curriculum program and meet the demands for digital and intelligent education. Colleges should encourage foreign language teachers to sort out appropriate teaching content and scientifically design online courses according to specific teaching objectives. Open education resources like open courses and resource library shall be accessible to students, facilitating lifelong learning and individualized learning. Corpus for various courses can also be built to provide students a database for various subjects. With all of these resources, teachers can supply diverse learning content and methods, arousing learning interests and improving teaching effects as well as learning outcomes.

Classroom facilities shall be updated to guarantee offline blended teaching. Colleges should explore the construction of smart classrooms equipped with digital intelligent technology so as to manage classroom activities intellectually. Network infrastructure should also be strengthened to improve the coverage and stability of classroom network. By this way, a smooth online and offline blended teaching mode can be realized in the age of digital intelligence.

3.4 Building a digital team of teaching staff

With the widespread application of digital intelligence, college teachers are undergoing profound transformations. Colleges should provide systematic training or seminars on digital technologies and online teaching platforms for teachers to enhance their technical skills and data processing capability. Specific online groups could also be set up to share teaching experience and online resources as well as guidance and advice from experts.

Besides, it will be constructive if the cooperation between IT Department and Foreign Language Department can be achieved, providing foreign language teachers with operation skills of digital machines or apps, as well as effective strategies and practical cases, thus, assisting these teachers to design and implement more effective intelligent classroom activities.

Colleges could also offer corresponding digital practical courses for foreign language teaching staff so that they can have opportunities to try digital teaching tools and machines and then apply them into language teaching better.

4. Conclusion

Digital intelligence advances reforms and innovations of college education. Colleges and universities should seize the opportunities of digital transformation in the era of digital intelligence, and establish their own feasible training models of college foreign language talents.

References

- [1] UNESCO. Reimagining our futures together: A new social contract for education[EB/OL]. Retrieved from <http://unesdoc.org/ark:/48223/pf0000379707>, 2021.
- [2] WANG Zhuli, WU Yanru, WANG Yun. Educational Philosophy and Talent Cultivation Model in the Age of Digital Intelligence[J]. E-education Research, 2024, 45(02): 13-19.
- [3] Wuhan University. Digital Intelligence Education (2023)[R].(2023-11).