

Original Research Article

Suggestions about Education and Teaching from the Perspective of “Internet + Education”

Jianhong Peng^{*1}

School of Management, Jiujiang University, Jiujiang 332005, Jiangxi, China. E-mail: 2628946017@qq.com

Abstract: In order to speed up the development of education, we should give full play to the positive role of “Internet + education”, promote educational fairness, improve the quality of educational public service, curriculum reform and so on. At present, there are some problems in education in our country, such as uneven distribution of educational resources, unbalanced development of teaching level, backward educational methods and means, etc. But borrowing “Internet + education” can be well solved and promote the rapid development of education in China. Based on the previous research foundation and the conclusion of a large number of research data analysis, this paper puts forward some suggestions for the development of Internet + Education.

Keywords: Internet + Education; Reform and Teaching Development

1. With reality, integrating online and offline educational resources

During the course of carrying out the teaching of “Internet +”, we must pay attention to the practical problems existing in the process of information construction, such as the imbalance of regional development in the construction and development of information technology in various regions. Even this imbalance is reflected in different families.^[1] In particular, many of the students who returned home for the holidays during the Spring Festival during the winter vacation may still be stranded in remote mountainous areas after the gridding of epidemic prevention and control throughout the country. How to ensure that students can obtain effective and high-quality learning resources and enjoy equal learning opportunities in the family learning environment under the condition of low level of information construction and unfavorable network support requires society and schools to actively provide online learning resources while actively providing online learning resources. Also can provide the necessary offline learning resources to realize the organic integration and complementary connection of online and offline learning.

Compared with traditional classroom education, “Internet + education” breaks through the limitation of time and space, and students’ choice is free in different aspects, such as learning time, learning place, learning content and so on. Especially in the rapid development of mobile Internet, through social tools, teachers and students can achieve real-time interaction through the network, more convenient communication. However, “Internet + education” also has the problems of teachers’ inaccurate assessment of students and poor communication, which need to be supplemented by offline teaching. Especially in higher education, in the future development, the scientific combination of online and offline can give play to the advantages of “Internet + education”, reflect the role of offline education, and improve the teaching effect and quality.^[2]

2. Strengthen infrastructure construction, integrate into “Internet +”

As a systematic project, the implementation of “Internet + education” is related to the construction of human resources, software technology, hardware conditions and so on. First of all, in the development of “Internet + education”, we must ensure that the network is smooth and fast, and that students can learn online in every corner of the network coverage.^[3] Secondly, it is necessary to establish data center and big data information system. As knowledge creators and exporters, teachers must establish scientific and appropriate files in big data system, which is convenient for search, management and teaching interaction. It is not only necessary for teachers to actively participate in relevant training, to understand the scientific methods of mastering Internet education, but also for teachers to obtain useful information on the Internet quickly and accurately, and to improve their teaching quality.

In the development of education, the orderly implementation of “Internet +” also needs to cultivate students to form good Internet learning habits. Through the big data platform, we can accurately receive useful knowledge, distinguish the authenticity of network knowledge, actively interact with teachers, actively reject useless or harmful information, do not lose their own direction

1 **About the author:** Jianhong Peng, female (1978.3-), Han Nationality, Liuyang, Hunan, doctor, lecturer, research direction: higher education.

in a large amount of information on the Internet, and waste time and energy.

3. Home-school cooperation supervision and guidance

With the gradual promotion of Internet teaching, students' online learning problems are constantly presented: some students have no plan to study, poor self-discipline; some students can not finish online learning courses on time and conscientiously, parents do not understand management, or can not manage after resuming work; students are addicted to online games and so on. Most parents have a dual role in supervising and directing students to study online during the epidemic.^[4] The majority of parents with little education do not know how to guide effectively, lack guidance and can not assume the role of educational guidance and supervision. Therefore, in order to carry out home-school cooperative education, schools need to communicate with parents and guide parents to manage students' learning in time. It is necessary to clarify the responsibilities and obligations of parents, and parents should combine the teaching arrangements of the school with the students' learning plans and requirements, and urge students to make clear their learning goals, arrange their time reasonably, and enhance their consciousness and enthusiasm for learning. Parents need to actively study the management of education, learn the relevant technologies of Internet education, actively integrate into the requirements of the "Internet + Education" era, cooperate with the school, and jointly train students. Also only parents' active cooperation, "Internet + education" can maximize the advantages and avoid disadvantages.

4. Theory and

"Internet + education" rapid development, for the promotion of modern education development brought great opportunities for development. In order to accelerate the integration of network theory teaching and offline practice teaching, it is necessary to integrate Internet + education scientifically. "Internet + education", the emphasis on the basic theory of the explanation, to the operation of video display, the advantage is that it can be watched repeatedly, the disadvantage is that the actual operation encountered problems, there is no way to communicate and solve in time, class are understood, do not understand the phenomenon. In off-line teaching, we need to focus on practical operation, face-to-face communication with teachers in real time, and solve specific problems^[5].

5. Live and VR technology in teaching

Since 2012, the ape question bank, homework help and Avan questions and other search products were born. These products are knowledge tools that combine search engine and database functions. Internet Education 2.0 is the digital display and socialization of educational projects. During this period, some representative video education institutions were born, such as: learning and thinking online school, Hujiang online school and so on. The future of Internet Education 3.0 will be to create a more offline learning experience online through technical means^[6]. With the development of live broadcast and VR technology, online training and "teacher-scene-student" service model are more easily integrated, which helps to display teaching content and improve the effect and quality of classroom teaching. During the webcast, teachers can answer students' doubts in real time. Live broadcast can also make up for the emotional isolation caused by online learning. Teachers and students can communicate by video, screen and so on, and increase the feelings between students and teachers.^[7] Teachers can also supervise and manage students effectively and guide students to form good study habits. Direct broadcast and VR language environment and interactive platform are helpful to create a good immersion learning environment and focus students' attention.

6. AI big data precision teaching

"Internet + education" and the combination of big data technology, artificial intelligence technology, and permeate into the different stages of Internet learning. First of all, students can obtain a large number of courses from the Internet education platform. Students can freely choose their learning content and progress according to their learning ability and effect. It breaks down the disadvantage of offline teaching standardization content and other level teaching.^[8] Secondly, the intelligent identification technology of big data can push learning resources and content according to students' learning records, which reduces the time and energy to search for useful information in the sea of information. At the same time, different people push different contents, train talents with different knowledge structure, diversify talents and diversify educational content, which makes up for the stereotype of unified planning of teaching content in offline teaching. Students if you are more flexible and creative.

7. Conclusion

The sudden outbreak of a new crown in 2020 has brought a great wave of development to the online education industry, which will quickly promote the integration of online and offline education and the refinement of online education. "Internet + education" mode supplies a large number of high-quality resources for teaching, fills up the deficiency of the traditional teaching mode, and makes the southeast coastal area and the western inland area of our country, because of the lack of educational resources, The unreasonable distribution of teaching resources has been alleviated. In "Internet + Education", students can scientifically and reasonably plan and arrange their own study course time according to their actual situation, so that students' thoughts can be changed from "passive acceptance" to "active acquisition". And in the leading position. Continuous development of "Internet + education" can promote the reform and development of education in China, improve the quality of teaching, promote the rational distribution of educational resources and education equity.

References

1 Han Lu. Problems and Solutions of the Integration and Development of Internet + and Modern Education New Curriculum Research, 2019(11): 84–86. <https://kns.cnki.net/KCMS/detail/detail.aspx? dbcode=CJFD&filename=XKCY201911035>.

- 2 Dusty. Discussion on the Reform of Education Management in Local Higher Vocational Colleges under the Background of J. Education Cultural and Educational Materials, 2019(20): 133–134. https://xueshu.baidu.com/usercenter/paper/show?k470pa0es760m10bq5h08r0by677737&sitepaperid=xueshu_se paperid=1.
- 3 Li Meng, Huang Tao. A Study on the Internet Education Model of Colleges and Universities Based on the Integration of “Administration, Industry Research World of Labour Security, 2017(23): 54, 66. <http://www.cnki.com.cn/Article/CJFDTotal-LDBJ201723042.htm>.
- 4 Huang Yang, Liang Ping. On the Innovative Management of College Education in the Context of Internet + [J]. A Brief Discussion College Journal, 2018, (01): 105–106, 46. <http://www.cnki.com.cn/Article/CJFDTotal-ZDXB201801027.htm>.
- 5 Li Degui. On the Curriculum Teaching of Colleges and Universities under the Background of Internet + Education. Contemporary Educational Practice and Teaching Research, 2018, (03): 7–9. <http://www.cnki.com.cn/Article/CJFDTotal-FYJY201803004.htm>.
- 6 Yang Qiuyan, Yu Liang. On the Connotation, Characteristics and Core Elements of Internet + Education. China Education Informatization, 2018, (05): 25–30. <http://www.cnki.com.cn/Article/CJFDTotal-JYXX201805005.htm>.
- 7 Qin Jin. The Inquiry of College Classroom Teaching under the Model of Internet + Education [J]. Engineering Technology Research, 2018, (03): 238–239. <http://www.cqvip.com/QK/94437A/201803/675569206.html>.
- 8 Yao Yanyan, Lin Yuxuan, Niu Jingsong. The Review of Educational Change Based on the Perspective of Innovation Management: How to Carry out Educational Reform [J]. Chemistry Education (English and Chinese), 2019, 40(13): 95. <http://www.cnki.com.cn/Article/CJFDTotal-FXJJ201913024.htm>.