

The Status and Development Guidelines on the Implementation on Informatization Construction of Continuing Education in Yulin Normal University

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Abstract: The purposes of this research were 1) to study the current situation of informatization construction of continuing education at Yulin Normal University and 2) to study the development guidelines on the implementation on the informatization construction of continuing education in Yulin Normal University. The sample group in this research was 353 students of continuing education college of Yulin Normal University, and 5 teachers of continuing education college of Yulin Normal University. The research instruments were questionnaires and structured interviews. The statistic to analyze the data were percentage, average value, and standard deviation. The research results found that: 1) The current situation of 7 aspects of informatization construction of continuing education at Yulin Normal University was at a high level. Considering the results of these 7 research aspects: the highest rank was "Teaching mode", whereas, "Policy planning" was the lowest rank. 2) To enhance the informatization construction level of continuing education, it is crucial to increase the investment for the construction of professional continuing education facilities to meet the needs of teaching. Yulin Normal University should also add a teacher reward and punishment system module to the existing continuing education teacher management platform, and increase training for teachers to use classroom management apps to improve the teacher management and student management efficiency. Yulin Normal University should increase investment in the production of electronic teaching resources and equipment, and encourage teachers to adopt a flipped classroom teaching model, prioritize the teaching process to improve the teaching efficiency. In addition, Yulin Normal University should increase the training of teachers in continuing education informatization, and organize professionals to long-term plan for the long-term development of informatization construction of continuing education.

Keywords: Continuing Education, Informatization, Teacher Management, Student Management

1. Introduction

Continuing education refers to educational activities aimed at all members of society, especially adults, who have graduated from formal school education. It mainly includes adult education, online education, and non degree education and training (Haung Miao 2024). Continuing education informatization is an important component of education informatization. The National Medium and Long Term Education Reform and Development Plan Outline (2010-2020) clearly states that "information technology has a revolutionary impact on education development and must be highly valued" (Zhao Lehua 2011). In 2012, the Ministry of Education issued the "Education Informatization 2.0 Action Plan", which clearly stated in Chapter 7: "Continuing education informatization is an important support for building a lifelong learning system. Building a public service platform for continuing education, promoting the construction of open universities, providing services to the whole society, providing learners with a convenient, flexible, and personalized information learning environment, and promoting the construction of a lifelong learning system and a learning society".

The main target audience of continuing education is in-service personnel who have already worked (Li Meng 2024). Therefore, continuing education management faces difficulties such as dispersed and difficult to concentrate students, inconsistent class schedules, and poor learning abilities of students. These difficulties have brought significant challenges to continuing education management (Zong Jia 2020). Integrating rapidly developing information technology with continuing education management and achieving the informatization construction of continuing education management is an effective way to achieve efficient management of continuing education (Zhu Yongjun 2016). Information technology can enrich teaching resources and make teacher and student affairs management more convenient. It can also make teaching activities more flexible by breaking through the limitations of time and space. In addition, information technology can overcome the difficulties faced by continuing education, such as scattered and difficult to concentrate students, as well as difficulty in unifying class schedules (Ding Liting 2019).

This study analyzes the current status of informatization construction of continuing education in Yulin Normal University, and proposes corresponding guidelines for Yulin Normal University based on Neo-constructivist learning theory, Blended Learning Theory and Smart Education Theory.

2. Literature Review

2.1 Neo-constructivist learning theory

Constructivism is the further development of learning theory from behaviorism to cognitivism. It reveals the constructive principles of cognition from the perspective of epistemology and emphasizes the agency of cognition (Cheng Chuling 2023). Constructivist learning theory holds that learning is the process in which learners actively construct internal psychological representations in the process of interacting with the environment. Knowledge is acquired by learners in a certain context, namely social and cultural background, through the use of other auxiliary means, necessary learning materials and resources, and the construction of meaning. Constructivist learning theory emphasizes learner centeredness, believing that "context", "collaboration", "conversation", and "resources" are the basic elements or attributes of a constructivist learning environment. Constructivists pay more attention to how learners construct knowledge based on their existing experiences, psychological structures, and beliefs, and emphasize the subjectivity, sociality, and situational nature of learning (Xu Lifang 2022). When an individual is learning, their mind is not empty, but rather because their previous life experiences preserve their unique cognitive schema in their mind. During the learning process, they construct new cognitive schemas through interaction with the external environment. This new cognitive schema is creative and not a continuation of the original schema in nature. So, compared to the theory of the behavioral school, it is proposed that the learning process is a genetic change, an active construction process, rather than the establishment of passive stimulus response patterns.

The construction of knowledge includes "assimilation" and "adaptation" (Zu Yun 2010). Assimilation is how to incorporate (integrate) the object into an existing cognitive framework (cognitive structure). And adaptation is when the existing cognitive structure cannot accommodate new objects, the subject must transform the existing cognitive structure to adapt to the object. However, whether it is assimilation or adaptation, the subject's understanding of the object is not a mechanical or passive response, but a process in which the subject plays a positive role. It is precisely through the subject's existing knowledge and experience (cognitive structure) that they actively construct their understanding of the object. All knowledge is the product of our own active cognitive activities.

2.2 Blended Learning Theory

Professor He Kekang (2004) pointed out that "Blended Learning means combining the advantages of traditional learning methods with the advantages of e-Learning (i.e. digital or networked learning). In other words, it is necessary to give full play to the leading role of teachers in guiding, inspiring, and monitoring the teaching process, while also reflecting the initiative, enthusiasm, and creativity of students as the main body of the learning process. Only by combining these two methods and complementing their advantages can the best learning results be achieved."

2.3 Smart Education Theory

Liu Rongrong (2023) proposed that smart education is a new educational model that utilizes information technology, educational technology, and data science to comprehensively optimize the education process and management process, achieve efficient integration and precise allocation of educational resources, and improve the effectiveness and management level of education and teaching. Smart education is not an inherent concept, but rather derived from other vocabulary, such as smart cities, smart transportation, smart logistics, and so on. The theory of smart education itself is a combination of two words, and the core of the concept of smart education is wisdom and education. This theory emphasizes the deep integration and joint effect of educational theory and information technology. Smart education follows educational theory and the natural growth laws of individuals, which can help students enjoy the learning process more, improve their subjective initiative in learning, diverge their thinking, and enhance their intelligence.

3. Methodology

3.1 The population/Sample Group

The Population

The population of this study consists of 2893 students in continuing education college of Yulin Normal University, along with 198 teachers in continuing education college of Yulin Normal University.

The Sample Group

For questionnaire: This study selected 353 students of continuing education college of Yulin Normal University as the sample group.

For the interview: The interviewee consisted of 5 teachers in continuing education college of Yulin Normal University who were selected using purposive sampling by considering on the student enrollment.

3.2 Research Instruments

This survey was conducted in two forms: questionnaire and interview. A questionnaire survey was conducted on students from the continuing education college of Yulin Normal University, and an interview was conducted on teachers from the continuing education college of Yulin Normal University.

3.3 Data Collection

Questionnaires were distributed to to students from the Continuing Education College of Yulin Normal University and inform them of the survey objectives. The researcher collected survey questionnaires from respondents, and then enter the data into the contract software and start data analysis.

In order to collect useful data for this study, researchers will conduct interviews with 5 managers and teachers of Yulin Normal University through offline means, and summarize the interview content and outline how to carry out the informationization construction of continuing education.

3.4 Data Analysis

The researcher analyzed the views of teachers and students on the current situation of continuing education informatization construction, as well as their requirements for future continuing education informatization construction. In order to achieve the research objectives, researchers used professional software to conduct descriptive analysis on the collected data, and conducted statistical analysis on the basic information of the tested students, descriptions of various dimensions of student perspectives, and overall descriptions of the questionnaire. Analyze the overall description and statistical data of the survey questionnaire to obtain the survey results.

4. Results of Analysis

The researcher analyzed the data in three parts as follows:

Part 1: The analysis results about the personal information of respondents, classified by gender, age, major, and category. Presented in the form of number of people and percentage.

Table 4.1 Number of people and percentage of respondents

(n=353)			
	Personal information	Frequency	Percentage
Gender	Female	230	65.16
	Male	123	34.84
	Total	353	100
Age	18-22	124	35.13
	22-30	141	39.94
	Over 30	88	24.93
	Total	353	100
Major	Science	70	19.83
	Engineering	85	24.08
	Social Science	198	56.09
	Total	353	100
Category	Correspondence students	199	56.37
	Self-teaching college students	154	43.63
Total		353	100

Table 4.1 showed that most respondents were 230 females, accounting for 65.16 percent. The age of respondents was mainly 22-30 years old for 141 people, accounting for 39.94 percent. The major with the largest number of people was social science for 198, accounting for 56.09 percent. The number of people of the correspondence students was 254, accounting for 56.37 percent.

Part 2: The analysis results of the current situation of informatization construction of continuing education at Yulin Normal University. Presented in the form of average value and standard deviation.

Table 4.2 The average value and standard deviation of the current situation of 7 aspects of informatization construction of continuing education at Yulin Normal University

Informatization construction of continuing education	\bar{x}	S.D.	Level	Rank
1. Infrastructure construction	3.77	0.74	high	2
2. Teacher Management	3.76	0.73	high	3
3. Student Management	3.74	0.84	high	5
4. Teaching Resources	3.75	0.84	high	4
5. Teaching mode	3.79	0.66	high	1
6. Talent reserve	3.73	0.81	high	6
7. Policy planning	3.72	0.79	high	7
Total	3.75	0.78	high	

Table 4.2 showed that the current situation of 7 aspects of informatization construction of continuing education at Yulin Normal University was at a high level ($=3.75$, S.D. $=0.78$).

Considering the results of these 7 research aspects were as follows: the highest rank was Teaching mode ($=3.79$, S.D. $=0.66$), followed by Infrastructure construction ($=3.77$, S.D. $=0.74$), whereas, Policy planning ($=3.72$, S.D. $=0.79$) was the lowest rank.

Table 4.3 The average value and standard deviation of the current situation of infrastructure construction at Yulin Normal University.

Infrastructure construction	\bar{x}	S.D.	Level	Rank
1. The network of the continuing education College is very smooth	3.86	0.56	high	1
2. The continuing education college of Yulin Normal University has a sufficient number of computers	3.82	0.82	high	2
3. The continuing education college of Yulin Normal University has a sufficient number of smart classrooms available for remote teaching	3.65	0.85	high	5
4. The continuing education college has sufficient equipment for editing electronic teaching resources	3.71	0.87	high	4
5. The continuing education college has a sufficient number of information Technology training venues	3.81	0.52	high	3
Total	3.77	0.74	high	

Table 4.3 showed that the current situation of infrastructure construction at Yulin Normal University was at a high level ($=3.77$, S.D. $=0.74$).

Considering the results of this research aspect were as follows: the highest rank was “The network of the continuing education college is very smooth ($=3.86$, S.D. $=0.56$)”, followed by “The continuing education college of Yulin Normal University has a sufficient number of computers ($=3.82$, S.D. $=0.82$)”, whereas, “The continuing education college of Yulin Normal University has a sufficient number of smart classrooms available for remote teaching ($=3.65$, S.D. $=0.85$)” was the lowest rank.

Table 4.4 The average value and standard deviation of the current situation of teacher management at Yulin Normal University.

Teacher management	\bar{x}	S.D.	Level	Rank
1. Your teachers often participate in information technology teacher management training	3.72	0.78	high	3
2. The entire process of promotion of teachers in school is carried out through an information platform	3.89	0.46	high	1
3. School has introduced a reward and punishment	3.61	0.82	high	5

system for teacher management informatization				
4. Students use information technology to assess the teaching effectiveness of teachers, thereby promoting teacher management	3.87	0.37	high	2
5. The entire recruitment process for teachers in schools is carried out through information platforms	3.70	1.01	high	4
Total	3.76	0.73	high	

Table 4.4 showed that the current situation of teacher management at Yulin Normal University was at a high level ($\bar{x}=3.76$, S.D. =0.73).

Considering the results of this research aspect were as follows: the highest rank was “The entire process of promotion of teachers in school is carried out through an information platform ($\bar{x}=3.89$, S.D. =0.46)”, followed by “Students use information technology to assess the teaching effectiveness of teachers, thereby promoting teacher management ($\bar{x}=3.87$, S.D. =0.37)”, whereas, “School has introduced a reward and punishment system for teacher management informatization ($\bar{x}=3.61$, S.D. =0.82)” was the lowest rank.

Table 4.5 The average value and standard deviation of the current situation of student management at Yulin Normal University.

Student management	\bar{x}	S.D.	Level	Rank
1. Teachers can frequently use student management software to manage students and classrooms	3.72	0.94	high	3
2. Teachers can effectively manage their classrooms by utilizing the continuing education student management platform	3.67	0.82	high	5
3. Through the continuing education student management platform, you can receive various activity notifications or fill out student management information online	3.69	0.97	high	4
4. Classroom attendance can be completed through the the continuing education student management platform	3.80	0.79	high	2
5. Teachers can proficiently use software to manage students	3.83	0.65	high	1
Total	3.74	0.84	high	

Table 4.5 showed that the current situation of student management at Yulin Normal University was at a high level ($\bar{x}=3.74$, S.D. = 0.84).

Considering the results of this research aspects were as follows: the highest rank was “Teachers can proficiently use software to manage students ($\bar{x}=3.83$, S.D. =0.65)”, followed by “Classroom attendance can be completed through the the continuing education student management platform ($\bar{x}=3.80$, S.D. =0.79)”, whereas, “Teachers can effectively manage their classrooms by utilizing the continuing education student management platform ($\bar{x}=3.67$, S.D. =0.82)” was the lowest rank.

Table 4.6 The average value and standard deviation of the current situation of teaching resources at Yulin Normal University

Teaching resources	\bar{x}	S.D.	Level	Rank
1. Teachers often upload teaching resources such as electronic courseware and micro lesson videos on continuing education platforms	3.71	1.02	high	4
2. Teachers can use teaching resources platform to publish teaching resources, which is very helpful for your continuing education and learning	3.79	0.95	high	2
3. You will use your spare time to preview the electronic teaching resources uploaded by the teacher	3.72	0.83	high	3
4. Teachers often post online assignments on the continuing education remote teaching resources platform after class and be able to provide you with feedback online	3.89	0.72	high	1

5. The current continuing education electronic teaching resources can meet your learning needs	3.62	0.62	high	5
Total	3.75	0.84	high	

Table 4.6 showed that the current situation of teaching resources at Yulin Normal Universit was at a high level (=3.75, S.D. = 0.84).

Considering the results of this research aspect were as follows: the highest rank was “Teachers often post online assignments on the continuing education remote teaching resources platform after class and be able to provide you with feedback online (=3.89, S.D. = 0.72)”, followed by “Teachers can use teaching resources platform to publish teaching resources, which is very helpful for your continuing education and learning (=3.79, S.D. = 0.95)”, whereas, “The current continuing education electronic teaching resources can meet your learning needs (= 3.62, S.D. =0.62)” was the lowest rank.

Table 4.7 The average value and standard deviation of the current situation of teaching mode at Yulin Normal University.

Teaching mode	\bar{x}	S.D.	Level	Rank
1. Utilizing information-based teaching mode, you can have online classes	3.86	0.45	high	2
2. Teachers can use information-based teaching mode to organize students to spend most of their time in group discussions in the classroom	3.72	0.86	high	4
3. Teachers often upload learning resources through remote learning platforms for students to preview, thereby achieving pre teaching process	3.65	0.75	high	5
4. Teachers often use Internet, virtual reality and other technologies to let students experience remote simulation training	3.81	0.72	high	3
5. Do you think that information-based teaching mode is very helpful for your continuing education and learning?	3.90	0.36	high	1
Total	3.79	0.66	high	

Table 4.7 showed that the current situation of teaching mode at Yulin Normal Universit was at a high level (=3.79, S.D. =0.66).

Considering the results of this research aspect were as follows: the highest rank was “Do you think that information-based teaching mode is very helpful for your continuing education and learning? (=3.90, S.D. =0.36)”, followed by “Utilizing information-based teaching mode, you can have online classes (=3.86, S.D. =0.45)”, whereas, “Teachers often upload learning resources through remote learning platforms for students to preview, thereby achieving pre teaching process (= 3.65, S.D. =0.75)” was the lowest rank.

Table 4.8 The average value and standard deviation of the current situation of talent reserve at Yulin Normal University.

Talent reserve	\bar{x}	S.D.	Level	Rank
1. School has a sufficient talent reserve of information technology teachers	3.61	0.90	high	5
2. School has recruited a sufficient number of information technology staff	3.68	0.92	high	4
3. School provides information technology training to students, so as to have sufficient student talents of information technology to operate and maintain information technology equipment	3.72	0.75	high	3
4. The information technology talent reserve in the school is of great help to your continuing education and learning	3.85	0.42	high	1
5. The school's information technology talent reserve has a high level of academic qualifications and ability	3.81	0.96	high	2
Total	3.73	0.81	high	

Table 4.8 showed that the current situation of talent reserve at Yulin Normal Universit was at a high level (=3.73, S.D. =0.81). Considering the results of this research aspect were as follows: the highest rank was “The information technology talent reserve in the school is of great help to your continuing education and learning (=3.85, S.D. =0.42)”, followed by “The school's information technology talent reserve has a high level of academic qualifications and ability (=3.81, S.D. =0.96)”, whereas, “School has a sufficient talent reserve of information technology teachers (= 3.61, S.D. =0.90)” was the lowest rank.

Table 4.9 The average value and standard deviation of the current situation of policy planning at Yulin Normal University.

Policy planning	\bar{x}	S.D.	Level	Rank
1. School has a long-term policy planning for information technology construction	3.65	0.67	high	5
2. School introduces its policies on information technology construction to students	3.67	0.47	high	4
3. School has information-based teaching management policy	3.73	0.92	high	3
4. The information technology teaching policies announced by the school can be well implemented	3.82	0.94	high	1
5. The informatization policy planning of schools has a great promotion on continuing education and teaching	3.72	0.87	high	2
Total	3.72	0.79	high	

Table 4.9 showed that the current situation of policy planning at Yulin Normal Universit was at a high level (=3.72, S.D. =0.79).

Considering the results of this research aspect were as follows: the highest rank was “The information technology teaching policies announced by the school can be well implemented (=3.82, S.D. =0.94)”, followed by “The informatization policy planning of schools has a great promotion on continuing education and teaching (=3.72, S.D. =0.87)”, whereas, “School has a long-term policy planning for information technology construction (= 3.65, S.D. =0.67)” was the lowest rank.

Part 3: The analysis results of the interview content about the guideline of informatization construction of continuing education at Yulin Normal University.

By organizing and analyzing the responses of the interviewees, the detail of development guidelines on the implementation on informatization construction of continuing education in Yulin Normal University were as follows:

For the infrastructure construction, the hardware construction of continuing education informatization infrastructure can basically meet the needs of teachers, but the construction of software for the informatization infrastructure of continuing education is still insufficient. Yulin Normal University should increase the investment of construction of software.

For the teacher management, the entire process of promotion of teachers in school can be carried out through an information platform, but the current continuing education teacher management platform has insufficient functions. Yulin Normal University should add the functions of continuing education teacher management platform.

For the student management, teachers can proficiently use software to manage students, but teachers cannot effectively manage their classrooms by utilizing the continuing education student management platform. Teachers should increase the frequency of using student management platforms in the classroom.

For the teaching resources, many teachers create and upload electronic teaching resources, but It's difficult to find electronic teaching resources for teachers. Yulin Normal University should increase the construction of its teaching resource library.

For the teaching mode, the application of online teaching mode is quite common, but the application of flipped classroom teaching mode is not enough. Teachers should increase the application of flipped classroom teaching mode in classroom teaching.

For the talent reserve, the information technology talent reserve in the school is of great help to students' continuing education and learning, but The number of talents in informatization construction is still insufficient. Yulin Normal University should improve both the information technology level of teachers and employees, as well as the information technology level of students.

For the Policy planning, Yulin Normal University has preliminarily formulated a policy plan for the informatization construction of continuing education, but School lacks long-term planning for the informatization construction. Yulin Normal University needs to scientifically and long-term plan for the informatization construction of continuing education, and promote relevant policies to teachers and students to increase their attention to the informatization construction of continuing education.

5. Conclusion

According to the data analysis in chapter 4, the results are summarized as follows:

1. The current situation of informatization construction in continuing education at Yulin Normal University.

The current situation of 7 aspects of informatization construction of continuing education at Yulin Normal University was at a high level. Considering the results of these 7 research aspects were as follows: the highest rank was “Teaching mode”, whereas, “Policy planning” was the lowest rank.

1.1 Infrastructure construction: The current situation of infrastructure construction at Yulin Normal University was at a high level. Considering the results of this research aspect were as follows: the highest rank was “The network of the continuing education college is very smooth”, whereas, “The continuing education college of Yulin Normal University has a sufficient number of smart classrooms available for remote teaching” was the lowest rank.

1.2 Teacher management: The current situation of teacher management at Yulin Normal University was at a high level. Considering the results of this research aspect were as follows: the highest rank was “The entire process of promotion of teachers in school is carried out through an information platform”, whereas, “School has introduced a reward and punishment system for teacher management informatization” was the lowest rank.

1.3 Student management: The current situation of student management at Yulin Normal University was at a high level. Considering the results of this research aspects were as follows: the highest rank was “Teachers can proficiently use software to manage students”, whereas, “Teachers can effectively manage their classrooms by utilizing the continuing education student management platform” was the lowest rank.

1.4 Teaching resources: The current situation of teaching resources at Yulin Normal University was at a high level. Considering the results of this research aspect were as follows: the highest rank was “Teachers often post online assignments on the continuing education remote teaching resources platform after class and be able to provide you with feedback online”, whereas, “The current continuing education electronic teaching resources can meet your learning needs” was the lowest rank.

1.5 Teaching mode: The current situation of teaching mode at Yulin Normal University was at a high level. Considering the results of this research aspect were as follows: the highest rank was “Do you think that information-based teaching mode is very helpful for your continuing education and learning?”, whereas, “Teachers often upload learning resources through remote learning platforms for students to preview, thereby achieving pre teaching process” was the lowest rank.

1.6 Talent reserve: The current situation of talent reserve at Yulin Normal University was at a high level. Considering the results of this research aspect were as follows: the highest rank was “The information technology talent reserve in the school is of great help to your continuing education and learning”, whereas, “Teachers often upload learning resources through remote learning platforms for students to preview, thereby achieving pre teaching process” was the lowest rank.

1.7 Policy planning: The current situation of policy planning at Yulin Normal University was at a high level. Considering the results of this research aspect were as follows: the highest rank was “The information technology teaching policies announced by the school can be well implemented”, whereas, “Teachers often upload learning resources through remote learning platforms for students to preview, thereby achieving pre teaching process” was the lowest rank.

2. The development guidelines on the implementation on the informatization construction of continuing education in Yulin Normal University.

2.1 For the infrastructure construction, the hardware construction of continuing education informatization infrastructure can basically meet the needs of teachers, but the construction of software for the informatization infrastructure of continuing education is still insufficient. Yulin Normal University should increase the investment of construction of software.

2.2 For the teacher management, the entire process of promotion of teachers in school can be carried out through an information platform, but the current continuing education teacher management platform has insufficient functions. Yulin Normal University should add the functions of continuing education teacher management platform.

2.3 For the student management, teachers can proficiently use software to manage students, but teachers cannot effectively manage their classrooms by utilizing the continuing education student management platform. Teachers should increase the frequency of using student management platforms in the classroom.

2.4 For the teaching resources, many teachers create and upload electronic teaching resources, but continuing education teaching resources is not particularly perfect. Yulin Normal University should increase the construction of its teaching resource library.

2.5 For the teaching mode, the application of online teaching mode is quite common, but the application of flipped classroom teaching mode is not enough. Teachers should increase the application of flipped classroom teaching mode in classroom teaching.

2.6 For the talent reserve, the information technology talent reserve in the school is of great help to students' continuing education and learning, but the number of talents in informatization construction is still insufficient. Yulin Normal University should improve both the information technology level of teachers and employees, as well as the information technology level of students.

2.7 For the Policy planning, Yulin Normal University has preliminarily formulated a policy plan for the informatization construction of continuing education, but School lacks long-term planning for the informatization construction. Yulin Normal University needs to scientifically and long-term plan for the informatization construction of continuing education, and promote relevant policies to teachers and students to increase their attention to the informatization construction of continuing education.

6. Discussion

The current situation of 7 aspects of informatization construction of continuing education at Yulin Normal University was at a high level. Considering the results of these 7 research aspects were as follows: the highest rank was "Teaching mode", whereas, "Policy planning" was the lowest rank. Research results that occurred like this may be due to Yulin Normal University carried out teaching mode reform during the COVID-19. The research result can be discussed in 7 aspects as follows:

1. The current situation of infrastructure construction at Yulin Normal University was at a high level. Research results that occurred like this may be due to the infrastructure construction is a prerequisite for the informatization construction of continuing education in universities. In subsequent research, the role of infrastructure in the informatization construction of continuing education in universities should be emphasized. The network of the continuing education college is very smooth. The continuing education college of Yulin Normal University has a sufficient number of computers. The results of this study are consistent with that of Zongjia (2020). The study found that the infrastructure construction (including hardware and software) established based on information technology is an important factor in the informatization construction of continuing education.
2. The current situation of teacher management at Yulin Normal University was at a high level. Research results that occurred like this may be due to the application of information technology in teacher management, which can effectively overcome the difficulties in continuing education teacher management and significantly improve the efficiency of continuing education teacher management. In subsequent research, it is important to pay attention to the role of continuing education teacher management platform construction in the informatization construction of continuing education in universities. The entire process of promotion of teachers in school is carried out through an information platform. Students use information technology to assess the teaching effectiveness of teachers, thereby promoting teacher management. The results of this study are consistent with that of Guo Bin (2023). The study found that the continuing education teacher management platform can effectively improve the efficiency of continuing education teacher management.
3. The current situation of student management at Yulin Normal University was at a high level. Research results that occurred like this may be due to the application of information technology in student management, which can improve the efficiency of continuing education student management. In subsequent research, it is important to pay attention to the role of the construction of a continuing education student management platform in the informatization of continuing education. Teachers can proficiently use software to manage students. Classroom attendance can be completed through the the continuing education student management platform. The results of this study are consistent with that of Liu Xiuxian (2024). The study found that using software to manage students in the classroom can overcome the difficulties of student management in continuing education classes.
4. The current situation of teaching resources at Yulin Normal University was at a high level. Research results that occurred like this may be due to the informatization of teaching resources can make the learning of continuing education students more flexible. In subsequent research, we should attach importance to the role of teaching resource informatization in the construction of continuing education

informatization. Teachers often post online assignments on the continuing education remote teaching resources platform after class and be able to provide you with feedback online. Teachers can use teaching resources platform to publish teaching resources, which is very helpful for your continuing education and learning. The results of this study are consistent with that of Liu Yanhua (2016). The study found that the construction of teaching resources libraries is the core of the urgent need for educational informatization construction.

5. The current situation of teaching mode at Yulin Normal University was at a high level. Research results that occurred like this may be due to the information-based teaching mode can break the traditional limitations of teaching space and time, allowing students to achieve their learning goals at any time and any place. In subsequent research, it is important to pay attention to the role of information-based teaching models in the informatization construction of continuing education. Do you think that information-based teaching mode is very helpful for your continuing education and learning? Utilizing information-based teaching mode, you can have online classes. The results of this study are consistent with that of Chen Jie (2022). The study found that the use of the Internet plus+MOOC model can improve the efficiency of continuing education and teaching.
6. The current situation of talent reserve at Yulin Normal University was at a high level. Research results that occurred like this may be due to only a sufficient reserve of information technology talents can support the informatization construction of continuing education in universities. In subsequent research, it is important to pay attention to the application of information technology talent reserves in the construction of continuing education informatization. The information technology talent reserve in the school is of great help to your continuing education and learning. The school's information technology talent reserve has a high level of academic qualifications and ability. The results of this study are consistent with that of Yang Xinhui (2017). The study found that universities should establish a talent reserve team with a reasonable structure and comprehensive technology according to the needs of construction projects.
7. The current situation of policy planning at Yulin Normal University was at a high level. Research results that occurred like this may be due to policy planning is the top-level design for the continued informatization construction of universities. Only by specifying scientific and reasonable policy planning can we ensure the healthy development of informatization construction in continuing education in universities. In subsequent research, we should attach importance to the role of policy planning in the informatization construction of continuing education in universities. The information technology teaching policies announced by the school can be well implemented. The informatization policy planning of schools has a great promotion on continuing education and teaching. The results of this study are consistent with that of Liang Jiagui (2018). The study found that the management mode of continuing education in the new era must be arranged according to the policy planning.

7. Recommendations

From the research results, it was found that there were recommendations as follows:

1. **For the infrastructure construction**, Yulin normal university should increase the investment for the construction of professional continuing education facilities. In addition, Yulin Normal University should also increase the number of equipment for editing electronic teaching resources since Q8-The continuing education college has sufficient equipment for editing electronic teaching resources has low score.
2. **For the teacher management**, Yulin Normal University should add a teacher reward and punishment system module to the existing continuing education teacher management platform.
3. **For the student management**, Yulin Normal University should increase training for teachers to use classroom management apps, so that teachers can become more proficient in using apps to manage the classroom.
4. **For the teaching resources**, Yulin Normal University should increase investment in the production of electronic teaching resources and equipment. Encourage teachers to create more diverse electronic teaching resources.
5. **For the teaching mode**, Yulin Normal University should encourage teachers to adopt a flipped classroom teaching model, prioritize the teaching process, and increase the time for group discussions in the classroom.
6. **For the talent reserve**, Yulin Normal University should increase the training of teachers in continuing education informatization and introduce more high-level continuing education informatization talents through talent introduction.
7. **For the policy planning**, Yulin Normal University should organize professionals to scientifically and long-term plan for the informatization construction of continuing education.

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