

**INNOVATIVE APPROACHES TO THE ORGANIZATION
OF TRAINING IN THE HIGHER EDUCATION SYSTEM****N. V. Parkhomenko, Zh. Zhang***Educational Institution "Sukhoi State Technical University of Gomel"*

The use of modern information technology can fully realize the 'student-centered' learning, and the initiative of the educated are greatly released, so that higher education can achieve independent learning. As the emergence of the MOOC (Massive Open Online Course), the important difference between teachers and students is no longer the amount of knowledge, the "freedom" of teachers and students is also unprecedented. Teachers and students are not only simple teaching and passive learning, but should become a learning community. We should accelerate the transfer of the "teaching paradigm" to the "paradigm of learning", actively construct a talent training system based on the "student experience", and pay attention to the independent education of students.

The application of modern information technology in the teaching of higher education also has a large amount of information about students facing network resources. There is no choice but to waste a lot of time in screening information. Even students use modern information technology incorrectly and spend a lot of time playing online games. This is a new problem in higher education.

The introduction of artificial intelligence technology will accelerate the generation of catalyzed personalized learning mode, and make the learning ecology of higher education form a new ecological landscape.

Consider this problem as an example of one of the educational disciplines of the preparation of masters of technical sciences. Studying the future development direction of power companies, scientific research is based on the existing digital and information construction foundation, and the advanced technologies such as cloud platform, big data, Internet of Things, mobile internet, robot, virtual reality, artificial intelligence and traditional power enterprise security, organic integration of production and operation management and control, building a smart management and control platform covering the whole-level, full-service, and whole process of the factory, accurately sensing production data, optimizing production processes, reducing manual intervention, and creating wisdom of "smart, synergistic, integrated, secure, flexible". The power plant ecosystem makes the power plant in a good operating state with high safety, good economy, environmental protection and adaptability. In order to realize the purpose of smart power plant, smart security 7i-ISP, smart device 7i-IEP, smart running 7i-IOP, smart fuel 7i-IFP, smart business 7i-IMP, smart integrated 7i-IIP, smart center are applied in the research process. The latest modern technology such as 7i-ICP.

Higher education uses a power plant model to simulate the operation of a real power plant during the teaching process (Figure 1).

From the perspective of the modern information technology era, the advantage of colleges and universities lies in the ability to train high-end talents with professional knowledge base for the society. Colleges and universities should continue to give full play to this advantage, create a unique MOOC curriculum system, realize the system of MOOC teaching, and continuously promote the innovation of smart campus construction and higher education management system innovation.

The use of modern information technology such as big data and the Internet of Things is promoting the development of higher education to smart education. The goal of education is no longer just high scores, but to cultivate high-quality talents with ideals, skills, and responsibilities. They have not only solid basic knowledge, but also have the high abil-

ity to cope with the development of modern information technology, as well as enterprising and innovative.



Figure 1. Higher education uses a power plant model to simulate the operation of a real power plant during the teaching process

Despite the emergence of new problems in the application of modern information technology in higher education, the future of higher education will become more and more interesting and easy by correctly guiding students to make proper use of new technologies. In short, education is a social activity for cultivating people. Modern information technology is a new stage in the development of science and technology. The ultimate goal of the integration of the two is to unearth the infinite creative power of human beings, promote personal growth, and benefit the human society.