

Kotlyarova Irina O.

Doctor of Pedagogical Sciences, Professor, Department of Pedagogy of Vocational Education, South Ural State University, Chelyabinsk (RF).

E-mail: kio_ppo@mail.ru

UNIVERSITY TEACHERS' READINESS TO APPLY THE MODERN EDUCATIONAL TECHNOLOGIES

Abstract. The aim of the research is to investigate the readiness of the university teachers to apply the modern educational technologies.

Methods. The methods include theoretical: analysis of existing modern educational technologies, the concept «readiness» and its components, abstraction of signs and kinds of modern educational technologies based on the scientific literature and in the Federal State Educational Standards (FSES); empirical: questionnaires and testing methods for detecting levels of university teachers' skills and readiness to use modern educational technology.

Results. The main features of modern educational technologies are identified and justified that are to comply with modern methodology of the theory and practice of education study and the latest FSES requirements; the level of science, manufacturing, and modern rules of human relations. The components of readiness of university teachers to use modern educational technology are structured. The linguistic component is included along with the cognitive, psychological, operational, connotative components; its necessity is proved. The average level of readiness for the use of modern educational technology by university teachers is identified.

Scientific novelty. The author specifies the features of the modern educational technology. The most significant components of higher-education teaching personnel readiness to use technological innovations are identified. As a whole, these results form the indicative framework for the development and measurement of readiness of the university teachers to use the modern educational technology. The development of the readiness of the university teachers to apply the modern educational technologies is proved to be an issue of current interest.

Practical significance. The research findings can be used as the basis of techniques and methods designing for its further development and measurement of the training, retraining and advanced training of the teaching staff of universities.

Keywords: modern educational technology, readiness, readiness components, constant study.

References

1. Burov K. S. Ispol'zovanie kompjuternyj tehnologij dlja obespechenija vzaimodejstvija sub'ektorov upravlenija metodicheskoy rabotoj v obrazovatel'nom uchrezhdenii. [Using computer technology to ensure interoperability of management of the methodological work subjects in an educational institution]. *Vestnik YuUrGU. Seriya «Obrazovanie. Pedagogicheskie nauki»*. [Bulletin of South Ural State University. Ser. Education. Pedagogy]. 2009. № 13. P. 35–37. (In Russian)
2. Volchenkova K. N. T'juterskoe soprovozhdenie kak osnova sub'ekt-sub'ektnyj otnoshenij t'jutora i studenta. [Tutor's support as a basis subject-subject relations of tutor and student]. *Vestnik YuUrGU. Seriya «Obrazovanie. Pedagogicheskie nauki»*. [Bulletin of South Ural State University. Ser. Education. Pedagogy]. 2013. № 3. P. 71–76. (In Russian)

3. Zagvyazinsky V. I. Issledovatel'skaya deyatel'nost' pedagoga. [The research activities of the teacher]. Moscow, 2003. 176 p. (In Russian)
4. Zakon Rossijskoj Federacii «Ob obrazovanii v Rossijskoj Federaci». The Law of the Russian Federation On Education. Available at: <http://www.rg.ru/2012/12/30/obrazovanie-dok.html>. (In Russian)
5. Clarin M. V. Innovatsii v mirovoi pedagogike: obuchenie na osnove issledovaniya, igry, diskussii. (Analiz zarubezhnogo optya). [Innovation in the global pedagogy: learning through research, games and discussions. (Analysis of foreign experience)]. Riga, 1995. 176 p. (In Russian)
6. Kotlyarova I. O., Serikov G. N., Tyagunova Yu.V. Proektirovaniye obrazovatel'no-nauchnogo protsessa v universitete. [Designing educational and scientific process at the University]. Chelyabinsk, 2012. 230 p. (In Russian)
7. L'nogradskii L. A. Kontseptsiya sistemnogo proektirovaniya. [The concept of system design]. Samara, 2005. 180 p. (In Russian)
8. Selevko G. K. Sovremennye obrazovatel'nye tekhnologii. [Modern Educational Technology]. Moscow, 1998. 256 p. (In Russian)
9. Serikov G. N. Zdorov'eskoye zdravookhranenie v gumannom obrazovanii. [Health saving in human oriented education]. Ekaterinburg-Chelyabinsk, 1999. 242 p. (In Russian)
10. Serikov G. N. Znanievo-kompetentnostnaja koncepcija modernizacii obrazovanija v universitete. [Knowledge and competence concept of modernization of education at the University.] *Vestnik YuUrGU. Seriya «Obrazovanie. Pedagogicheskie nauki».* [Bulletin of South Ural State University. Ser. Education. Pedagogy]. 2011. № 24. P. 8–21. (In Russian)
11. Serikov G. N. Obrazovanie i razvitiye cheloveka. [Education and development of a person]. Moscow, 2002. 416 p. (In Russian)
12. Sovremennye obrazovatel'nye tekhnologii. [Modern educational technologies]. Moscow, 2010. 432 p. (In Russian)
13. Federal'nyj gosudarstvennyj obrazovatel'nyj standart vysshego profesional'nogo obrazovanija po napravleniju podgotovki 050100 Pedagogicheskoe obrazovanie (kvalifikacija (stepen') «magistr»). [Federal State Educational Standard of higher education № 050100 «Teacher Education». Master's degree]. Available at: http://www.edu.ru/db/mo/Data/d_10/prm35-1.pdf. (In Russian)
14. Federal'nyj gosudarstvennyj obrazovatel'nyj standart vysshego profesional'nogo obrazovanija po napravleniju podgotovki 080200 Menedzhment (kvalifikacija (stepen') «magistr»). [Federal State Educational Standard of higher education. Major № 080200 «Management». Master's degree]. Available at: <http://www.garant.ru/products/ipo/prime/doc/96993>. (In Russian)
15. Federal'nyj gosudarstvennyj obrazovatel'nyj standart vysshego profesional'nogo obrazovanija po napravleniju podgotovki 140400 Jelektrojenergetika i jeklktrotehnika (kvalifikacija (stepen') «magistr»). [Federal State Educational Standard of higher education. Major № 140400 «Power and Electrical Engineering». Master's degree]. Available at: <http://www.garant.ru/products/ipo/prime/doc/97540>. (In Russian)