Classifying and Designing the Educational Methods with Information Communications Technoligies

Abstract. The article describes the conceptual apparatus for implementing the Information Communications Technologies (ICT) in education. The authors suggest the classification variants of the related teaching methods according to the following component combinations: types of students work with information, goals of ICT incorporation into the training process, individualization degrees, contingent involvement, activity levels and pedagogical field targets, ideology of informational didactics, etc. Each classification can solve the educational tasks in the context of the partial paradigm of modern didactics; any kind of methods implies the particular combination of activities in educational environment.

The whole spectrum of classifications provides the informational functional basis for the adequate selection of necessary teaching methods in accordance with the specified goals and planned results. The potential variants of ICT implementation methods are given for different teaching models.

Keywords: teaching methods applying ICT, methods of ICT implementation, developing teaching methods based on ICT, method classification.

References

- 1. Bershadsky M.E. Teaching and psychological basis of educational technology. M.: Center «Pedagogies search», 2003. 256 p.
 - 2. Piage J. Selected psychological works . M., 1994. 680 p.
- 3. Semenova I.N. Development of methods for teaching students of pedagogical institutes in the use of information and communication technologies: monograph. Ural State pedagogical university. Ekaterinburg, 2010. 192 p.
 - 4. Semenova I.N. // Teacher Education in Russia. 2012. № 2. p. 183-188.
- 5. Semenova I.N. The method of using information and communication technologies in the educational process. Part 2. Methodology for the use of educational information technology: Textbook/ I.N. Semenova, A.V. Slepukhin, ed. B.E. Starichenko. Ural State pedagogical university. Ekaterinburg, 2013. 150 p.
- 6. Starichenko B. E. The theory and practice of optimizing school educational process by means of information technology: dis. dr. ... ped. science Ekaterinburg, 1999. 353 p.
- 7. Starichenko, B. E. The method of using information and communication technologies in the educational process. Part 1. Conceptual wasps nova computer didactics: studies. manual / B.E. Starichenko; Ural State pedagogical university. Ekaterinburg, 2013. 152 p.