PEDAGOGY (specialty 13.00.08)

Alisultanova A.D. Competitive approach as innovative determinant of engineering education

In article pedagogical aspects of the innovative approach to realization of the higher technical education in the conditions of two-level system are investigated. On the basis of the analysis of domestic and foreign experience of innovative formation in engineering preparation necessity of the system approach to designing and realization of educational programs by their addition competent, concerning sphere of innovative activity comes to light. Preparation of the competent expert-engineer is proved through techniques of active training, expansion and deepening of interdisciplinary knowledge. One of the major directions of modernization of an engineering education in frameworks competent the approach define as the benchmarking activity independent of credit engineering education centers, and the analysis of innovations of the Russian and foreign high schools, scientific and pedagogical schools, their generalization, experimental approbation and wide practical use.

Key words: problem focused methods, the design organized technologies of training, the interdisciplinary approach, methods of active training.

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