METHODOLOGICAL FOUNDATIONS FOR THE APPLICATION OF THE DOCTRINE OF NAQSHBANDI IN THE IMPROVEMENT OF PROFESSIONAL COMPETENCIES OF FUTURE ENGINEERS IN LIGHT INDUSTRIAL AREAS

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ABSTRACT

The main condition for such development is living in a digital environment, taking into account the requirements for professions and the directions of change- value, and its own national aimed at training a graduate capable of carrying out his professional activities modernization of the educational system. Solving this problem professor lay out the requirements for the qualifications of the tenants and their educational process- as well as the use of digital technologies for the implementation of provides for an increase in petence, and there is a high need for distance education at the same time, the technical direction of digital education in higher educational institutions is necessary to improve the professional competence of future engineers gives birth to socio-economic development of modern Uzbekistan is diverse sets new requirements for the training of professionals of the profession, which is qualified the system of higher education in the training of personnel is a method for achieving the set goals as well as standards that comply with world standards based on the optimization of tools requires development.

Keywords: System of higher education, technical innovation, dynamic and high-tech.

INTRODUCTION

The development of the market for technical innovation is the ability of an engineer to effectively implement his professional activity in a dynamic and high-tech professional environment requires, which modernizes the system of professional engineering education at a new stage makes the tasks relevant.

Studies have shown that in modern conditions, the process of training technical specialists at the institute has constantly changing tasks of engineering activities and it must be organized taking into account the conditions for its implementation. This self is also a high-speed of the innovative system in our republic influenced the professional potential of modern engineering activities, and the higher from the educational system to the ability to think innovatively, creatively, modern scientific and technical to a high level of technical and sufficient fundamental knowledge in the process of development having, independently solving research problems, as well as professional much who can quickly master new problem solving technology.-requires preparation of taxassis. At present, it is not enough for a demand in the labor market to be a graduate with certain professional knowledge, skills and qualifications. In later times, the issue of the interrelationship of competency and competency concepts in pedagogical science is much seen. Competence (Eng. "competence" - "ability") - theoretical knowledge in activities, high level of professional competence, skill and talent education-means to be able to burn. The concept of competence has come to the field of education as a result of psychological scientific research. Competence from a psychological point of view " unconventional situations, expectations - how a specialist behaves in cases, enters into

communication, opponents a new way to behave in a relationship with, in the performance of ambiguous tasks, contradicted-
when using data full of yachts, consistently evolving and complex means having a plan of movement in processes. Professional competence-the implementation of professional activities by a specialist for the acquisition of the necessary knowledge, skills and qualifications and their implementation in practice it is considered to be able to apply at a high level. Professional competence is not the acquisition of special knowledge, qualifications by a specialist, but integrative knowledge and hara in each independent direction-implies the appropriation of Kats. Also competence specialist constantly enriching their knowledge, learning new information, important social influence-be able to understand the lips, seek new information, process them and make your own it is necessary to be able to apply in activities. Competence-a set of abilities that will be necessary for success in a certain field of knowledge, qualifications and personal qualities. A specialist with professional competence will consistently enrich his knowledge, master new information, deeply understand the requirements of the period, develop new knowledge tracks, processes them and uses them effectively in their practical activities.

Structural and informational analysis of the professional tasks of engineering specialists their Organization of scientific and experimental work in professional activities, professional important information in the areas of analytical and synthetic processing, fundamental knowledge and compulsory science applied engineering problems based on generalized algorithms of the to allow the determination of the invariant component associated with solvability.

Thus, within the framework of professional training in the study of compulsory subject's formation and development of basic professional competencies, including standards of conduct, values and areas of compulsory education by practical and theoretical tasks based on the acquisition of knowledge, skills performance, a task aimed at mastering the experience of professional importance updated. Therefore, the organization of the training of a modern engineer is professional future expert in development and continuous improvement - it should be aimed at the formation of the main professional competencies of SIS.

However, the issues of the use of ICT in the educational process are sufficiently theoretical and in the context of distance education with biased development, the future engineer's additional on the problem of the formation of basic professional competencies research is required. Basic of the future engineer in the conditions of distance education to a two-stage system on the problem of forming professional competencies organizational and methodological foundations for the implementation of this process within the framework of the transition training of engineering personnel from the point of view of justification in higher educational institutions further research is required.

The experience of research and testing in the technical higher education system made it possible to form a number of contradictions between the following:

– the need to develop competencies of future engineers, among which special professional competencies are the basis for improving the qualifications of a specialist professional training of engineers who serve and develop in the process of Higher Education - adequate development of theoretical and methodological solutions in the existing system of lash - extensive experience in the use of information and communication technologies in the process of training specialists in various fields and distance learning introduction of a competency-based approach in the preparation of an engineer lack of theoretical and methodical elaboration.

The technique should take a theoretical and methodological approach to the formation of professional competencies of Engineers in the digital educational environment in higher educational institutions.

The technique is more effective in the process of forming CAS-bi competencies of Engineers in a digital educational environment in higher education institutions in the following cases

- Conditions and means of implementing a competency-based approach-based;
- educational process of the student in the study of compulsory subjects in the conditions of distance education, according to the model of Organization of professional training of the engineer carried out taking into account the peculiarities of its activity, assimilation carried out;

– Transportation of its implementation in the conditions of distance learning, which provides a comprehensive approach and coordination of the activities of all subjects of the educational process methodological foundations are established. Tasks of improving the professional combos of Engineers in the environment of digital education in higher educational institutions:

1. Determination of trends in the development of multi-stage education in Uzbekistan implementation of a competency approach in the preparation of a vasamonic engineer- analysis of the specifics of.
2. On the basis of modern teaching aids and methods, including the existing local and foreign experience in the training of personnel in the conditions of distance learning- the main professional of the engineer in the process of learning to, compulsory knowledge- justification of the possibilities of the formation of petencies.
3. The model for the formation of the main professional competencies of a technical specialist: the introduction of professional training in the conditions of distance learning at the Institute - design of the system of technological and information and methodological support.
4. Approach to the selection of the content of the electronic educational and methodological complex in science as an integrating component of the information and educational environment of the Institute- justification of the S and the development of a methodology for its use in distance education.
5. Experimental testing of the effectiveness of the proposed approach.

Respondents with a low level of creativity accounted for 43%. They are seeks to advance the initiative, but the ability to creativeness is sufficiently manifested will not.

Based on the analysis of the results, the technique is used in higher education institutions “technical when teaching the subject” mechanics", we cannot judge students for their creativeness as positive.

Because, it became known from our pedagogical observation and questionnaire surveys that students With the potential to have 70-80% creative competence, only 30- Only 40% of students were able to show the qualities of creative competence.

On the basis of the above, it should be noted that creative competence in students insufficient knowledge, skills and qualifications are not formed in terms of their creative the pedagogical process aimed at the development of competence is specific features.

Therefore, the main task facing educators is creationism in young people, its to give theoretical knowledge about the specific qualities of students, on the basis of which it consists in the development of creative competence. In a positive solution to this task from active educational technologies in the teaching of the educational process, including subjects use, training using

unconventional forms, methods and tools an interesting and meaningful organization gives the expected results.

The qualities of personality-specific creativity are consistently developed at certain stages. The fact that an individual has the qualities of creativity is due to his individual abilities, to qualitatively, effectively organize its professional activities, its natural and social capacity directs.

Below are examples of personality-specific creativity adjectives.
If students have a feeling of failure and fear creative thinking in them in such a situation if they are or are subject to criticism it will not be possible to effectively form or develop skills. Technique it is only by making creativity a habit for students in higher education institutions that creatives thinking skills can be successfully formulated. In the process, they are by thorough understanding of the content of the subject and creative thinking skills the methods and tools used in the assessment are important.

Technique creative thinking skills in students in higher education institutions a special place is occupied by the educator in the formation. The role of the "educator" in this process it consists in creating an atmosphere of creativity in the audience. In the pedagogical group future engineers can feel free and share their thoughts, ideas must create a removable environment. Future engineers are taking place in the human mind to further activate the processes, the established law rules, from the standards aside; they must act freely when asking different questions. Educator future putting creatives in engineers in the middle of unusual ideas and making them verbal and supports by stimulating in a nonverbal way. The future of the educator their correct attitude towards the creative ideas that engineers are giving them it is important in its understanding of possible and impossible conditions.

All these elements are an important part of the pedagogical-student relationship, ensures the success of future engineers. Training in a creative environment interest in performing creative tasks gradually in future engineers increases, as well as a result of observing an educator with a creative mindset tends to think. Educational-cognitive environment of creativity character future critical and creative, which is of great importance in the educational process in engineers leads to the development of thinking skills.

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